



Sea Carriers / Agents Message Implementation Guide

**Sea Cargo Manifest &
Transshipment Regulations, 2018**

**Directorate General of Systems
and Data Management**

Volume-1.3

Leveraging Technology For Serving Taxpayers

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Revision History

Version	Date	Author	Approved By	Comments
New Sea Manifest Message Implementation Guide V 1	27/05/2019	NIC		
New Sea Manifest Message Implementation Guide V 1.1	02/08/19	NIC, Chetna Jain	Ananth R	Change List of msgs, Add process Flow Diagram (3.1), Add JSON Object Declaration (3.2), Add Document Structure – Hierarchy (3.3), Add list of msgs (3.4), Add Reporting Events, Add Explanation List (Heading 5) Add Code List (Heading 6) Add Error Code List (Heading 7)
New Sea Manifest Message Implementation Guide V 1.2	23/08/19	NIC, Chetna Jain	Ananth R	Change name format of file, Add JSON Schema & Samples, Add level-1 Attribute Hierarchy (Heading 8), Add Annexures (Heading 9), Updated Explanation List, Updated Code List, Update SAM File Format, change from N(5) to N(10) for port Cd in Mcltinerary & Hcltinerary, CrewrankingCd Length increased to N(10)
New Sea Manifest Message Implementation Guide V 1.2A	25/01/2020	Chetna Jain	Ananth R	Updated for <ul style="list-style-type: none"> - Revised Error Code list - Inbound & Outbound Schemas - Field Table - Declaration of ACK - Trade Scenarios Mapping Table - MCIN PCIN generation Table
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New Sea Manifest Message Implementation Guide V 1.4	22-02-2024	Rishi Sharma Anil Singh	Anuj Gogia	Updated field lengths

1. Introduction:

1.1 Background:

Central Board of Indirect Taxes and Custom (CBIC) vide notification No. 38/2018-Cus (NT) dated 11.05.2018 read with notification No. 65/2018-Cus (NT) dated 30.07.2018 and 88/2018-Cus(NT) dated 30.10.2018 notified Sea Cargo Manifest and Transshipment Regulations 2018.

This regulation supersedes the earlier regulations of Import Manifest (Vessels) Regulations, 1971, Export Manifest (Vessels) Regulation, 1976 and Transportation of Goods (Through Foreign Territory) Regulations of 1965. The new regulation stipulates changes in timelines and requirements for advance notice by shipping lines (vessels) arriving in India and Exports through shipping lines (vessels) out of India.

As per the new regulations, the Authorized Sea Carrier (ASC)/Authorized Sea Agent (ASA) shall submit an Arrival Manifest electronically, prior to departure from the last port of call to the Indian Port of call. And submit a Departure Manifest electronically before departure from the Indian Port of call.

The submission of Arrival and Departure Manifest shall have to be complied with by the ASC/ASA before departure from the last port/customs station of call to every Indian customs station and Departure then on respectively.

1.2 Scope:

The Scope of this document is to provide list of messages involved in this process and provide format, sample for generation of declaration. The brief of messages are as follows:

- Sea Arrival Manifest Filing (SAM)
- Sea Arrival Manifest- Acknowledgement
- Sea Arrival Manifest Filing – Amendment (SAA)
- Sea Arrival Manifest Amendment - Acknowledgement
- Sea Departure Manifest Filing (SDM)
- Sea Departure Manifest Filing - Acknowledgment
- Sea Departure Manifest Amendment Filing (SDA)
- Sea Departure Manifest-Amendment - Acknowledgment
- Sea Departure Notification (SDN)
- Sea Departure Notification- Acknowledgment

1.3 Stakeholders involved:

Following Stakeholders are involved in the implementation

- Authorized Sea Carrier (Including Shipping line)
- Authorized Sea Agent (Steamer/ Shipping Agent)
- Authorized Carrier (Transhipper)
- Terminal Operator
- Custodian
- Authorized Persons of all the above

2. Message Guidelines:

2.1 Introduction

This message guideline would help the users to prepare the declaration in the required format. The users can either utilize the data already available in the internal systems to generate this declaration in the required format by modifying their internal software systems or use an Excel utility provided by CBIC/NIC in this regard. (The Excel Utility can be downloaded from following link <http://ices.nic.in/ices/cim>). The following sections may be referred for the preparation of the file.

- a) The structure and Hierarchy of the json object is available in [Section 3.3](#) of this document.
- b) The attributes of the json objects for different messages is provided in [Section 8](#).
- c) The Schema and Sample Json formats are available in [Section 4](#)
- d) The file submitted to the ICEGATE should be in following name format. For e.g

F_SACHM23_SAM_ICEGATEID_34556_20200125_DEC.json

(<messageType><msgID><reportingEvent><SenderID><jobID><date>_declaration)

- e) The Declaration should be digitally signed as per the required format. (For more details, refer the following link <https://www.icegate.gov.in/digitalSign/digitalSign.html>).

2.2 Submission of the File – ICEGATE:

The Declaration is to be submitted to Customs by User to ICEGATE either through

Simple Mail Transfer Protocol (SMTP) or

Web upload

(For more details refer Annexure A of <https://icegate.gov.in/comguideline.html>).

2.3 Acknowledgement of Declaration:

Any file sent to Icegate through proper channel would be responded through acknowledged mail with the response codes regarding acceptance or rejection of the declaration. If there is a file which is non readable, a mail to that extent would be reverted back.

The Format of Outbound JSON Schema and Sample Files are available in Section – 4 and List of Error Codes are available in [Section - 7](#) of this document.

The Inbound message from the user undergoes two level of validations:

1. *Structural Validation*
2. *Data and Business Logic Validation*

2.3.1 Structural Validation

It is the 1st level validation which matches the schema of the inbound file with its objects and attributes with the prescribed structure of that message. In case of a mismatch, a structural validation failure (SFL) acknowledgment would be sent as a response to the User.

2.3.1.1 Structural Validation File naming format:

The file sent by the ICEGATE should be in following name format. For e.g

F_SACHM23_SAM_ICEGATEID_8002_20200125_SFL.json

(<messageType><msgID><reportingEvent><SenderID><jobID><date>_structural validation)

2.3.1.2 Vocabulary for errors on Structural Validation failure:

The most common errors found during structural validation and the Keywords in the SFL Outbound File are as follows :

- Data Type Mismatch (“maxLength”)
- Numeric Minimum Field Length Mismatch (“minLength”)
- String Maximum Field Length Mismatch (“required”)
- Object/Array Discrepancy Mismatch (“type”)
- Pattern Mismatch (“pattern”)
- Missing required Property/Object (“required”)

For additional details, following links may be referred. (Vocabulary for Structural validation is in section 6 of Link 1)

1. <https://json-schema.org/draft/2019-09/json-schema-validation.html>
2. <https://json-schema.org/specification.html>
3. <https://json-schema.org/draft-06/json-schema-release-notes.html>

It is the 1st level validation which arises when submitted file fails at Icegate end due to the error in matching the file against the structural schema validation.

2.3.1.3 Sample SFL Outbound Files:

Examples of the SFL outbound file have been given below:

SFL Example:

Sample A: (Maximum Length Validation Failure)

NAK Response

```
{
  "headerField": {
    "senderID": "ICEGATEID",
    "receiverID": "INNSA1",
    "versionNo": "1102",
    "indicator": "T",
    "messageID": "SACHM23",
    "sequenceOrControlNumber": 8002,
    "date": "20200125",
    "time": "T12:15",
    "reportingEvent": "SAM"
  },
  "errorDetails": {
    "status": "Schema validation failure",
    "errorCode": "ERR100",
    "errorMessage": {
      "level": "error",
      "schema": {
        "loadingURI": "#",
        "pointer":
"/properties/master/properties/mastrCnsgmtDec/items/properties/MCRef/properties/consolidatedIndctr"
      },
      "instance": {
        "pointer": "/master/mastrCnsgmtDec/0/MCRef/consolidatedIndctr"
      },
      "domain": "validation",
```

```

    "keyword": "maxLength",
    "message": "string \"Cffkdsahlfk\" is too long (length: 11, maximum allowed: 4)",
    "value": "Cffkdsahlfk",
    "found": 11,
    "maxLength": 4
  }}
}
}

```

Additional sample JSON files have been given under [Section – 4](#) of this document.

The inbound file would undergo Second level business validation will only after successful structural validation.

2.3.2 Business Validation Acknowledgement:

Once the file has been validated for its structural correctness, the Customs Systems would validate the data with its inbuilt directories and data tables. The list of Error Codes given in [Section - 7](#) of can serve as an indication on the kind of data validations the inbound files would undergo. (Latest list of error codes can be accessed from Customs Duty Calculator page accessible through ICEGATE Website). On Successful integration of the submitted JSON file with the Customs System, a positive ACK will be sent to the submitter with the output details. In case of error, a negative ACK file with error code and error description will be sent.

2.3.2.1 Business Validation Acknowledgement File Format :

The file sent by the ICEGATE should be in following name format. For e.g

F_SACHM23_SAM_ICEGATE_8004_20200127_ACK.json

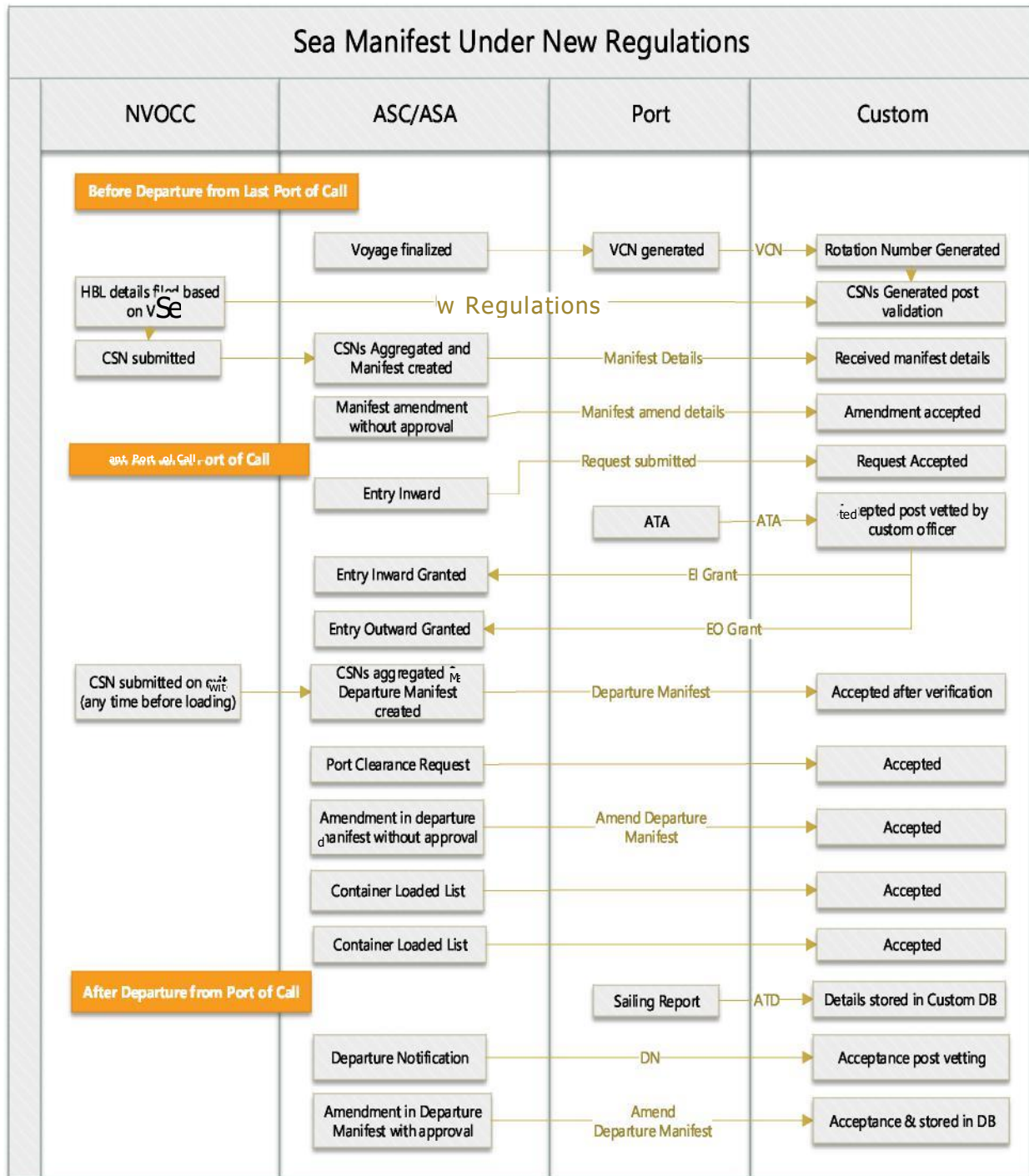
(<messageType><msgID><reportingEvent><SenderID><jobID><date>_Final Acknowledgment)

2.3.2.2 Sample ACK Sample Files and Schema :

Sample ACK files and schema have been attached under Subsection 4.6 and Subsection 4.5 for the benefit of the stakeholders.

3. Sea Cargo Manifest:

3.1 Process Flow:

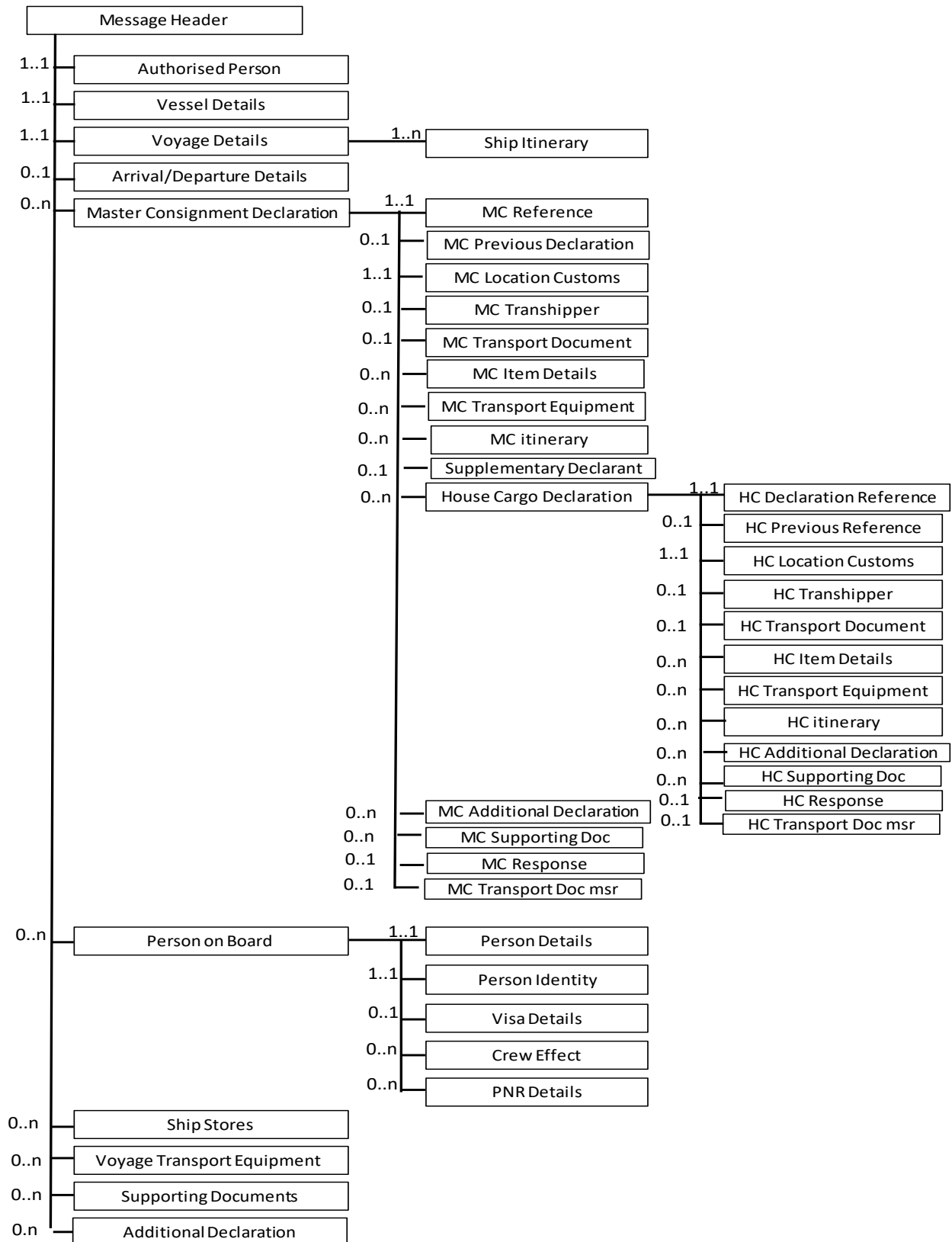


3.2 Declaration – JSON Objects:

1. Sea Manifest Declaration Reference (Message Header)
2. Authorized Person
3. Vessel Details
4. Voyage Details
 - 4.1 Ship Itinerary
5. Arrival / Departure Details
6. Master Consignment Declaration
 - 6.1 MC Reference
 - 6.2 Master Previous Declaration
 - 6.3 MC Location_Custom
 - 6.4 MC Transhipper
 - 6.5 MC Transport Document
 - 6.6 MC Item Details
 - 6.7 MC Transport Equipment
 - 6.8 MC itinerary
 - 6.9 Supplementary Declarant
 - 6.10 House Cargo Declaration
 - 6.10.1 HC Declaration Reference
 - 6.10.2 HC Previous Reference
 - 6.10.3 HC Location_Customs
 - 6.10.4 HC TransShipper
 - 6.10.5 HC Transport Document_party
 - 6.10.6 HC Item Details
 - 6.10.7 HC Transport Equipment
 - 6.10.8 HC itinerary
 - 6.10.9 HC_Additional Declaration
 - 6.10.10 HC_Supporting Documents
 - 6.10.11 HC_Response
 - 6.10.12 HC Transport Document_msr
 - 6.11 MC_Additional Declaration
 - 6.12 MC_Supporting Documents
 - 6.13 MC_Response
 - 6.14 MC Transport Document_msr

- 7. Person on Board
 - 7.1 Person Details
 - 7.2 Person Identity
 - 7.3 Visa Details
 - 7.4 Crew Effect
- 8. Ship Stores
- 9. Voyage Transport Equipment
- 10. TM_Supporting Documents
- 11. TM_Additional Declaration

3.3 Document Structure – Hierarchy (Generalized Structure):



3.4 List of Messages: Message Name (SACHM23)

Field Description	Code	Type
Sea Arrival Manifest Filing	SAM	ASC to Customs
Sea Arrival Manifest Filing – Amendment	SAA	
Sea Departure Notification	SDN	
Sea Entry Inward	SEI	
Sea Departure Manifest Amendment Filing	SDA	
Sea Departure Notification	SDN	
Acknowledgement of Declaration	ACK	Customs to ASC

3.5 Attribute Table

3.5.1 Declaration Reference

Field Description	Field Length	Type	Description
Message Type ("msgTyp",)	1	C	The Flag specifying the action requested on this transmission.
Port of Reporting ("prtofRptng",)	6	AN	The Custom Location of Reporting Pattern: ([I][N])([A-Z] [0-9]){4}
Job Number ("jobNo",)	6	N	The Unique ID provided by User for this transmission.
Job Date ("jobDt",)		D	The Date of generation of Unique ID provided by User for this transmission. Pattern: [0-9]{4}(0[1-9] 1[0-2])(0[1-9] [1-2][0-9] 3[0-1])
Reporting Event ("rptngEvent")	4	C	The Code specifying the Reporting Event pertaining to this transmission. Reporting Event (Arr/Dept.)
Manifest Rotation No. ("mnfstNoRotnNo")	7	N	The Unique ID Generated by Customs for this Compliance.
Manifest Rotation Date ("mnfstDtRotnDt")		D	The Date generation of Unique ID by Customs for this Compliance. (YYYYMMDD)
Vessel Movement Type ("vesselTypMvmt")	2	C	LOVs: RI / FI / II
Departure Manifest Number ("dptrMnfstNo")	7	N	Reference to Previous Manifest.
Departure Manifest Date ("dptrMnfstDt")		D	Reference to Previous Manifest. Pattern: [0-9]{4}(0[1-9] 1[0-2])(0[1-9] [1-2][0-9] 3[0-1])

Departure Manifest Number and Date at the last port of call is Mandatory in case of II-A.
Vessel Movement:

Indicator referring to Type of Vessel Movement as per SCMT.

In case of RI - Bond should be given by carrier registered at Port of Registration. Bond registration and the Port of registration should be the same.

FI - origin should be foreign port and destination should be Indian Port.

II - both the origin port and the destination port should be Indian port.

3.5.2 Authorized Person

Field Description	Field Length	Type	Description
Authorized Person			
Submitter Type ("sbmtrTyp",)	4	AN	The Type of Authorized Entity submitting this Manifest. Submitter Type LOVs: ASA / ATO / ASC / ANC
Submitter Code ("sbmtrCd",)	15	AN	The Code of Authorized Entity submitting this Manifest
Authorised Representative Code ("authReprsnvCd")	10	AN	PAN of authorized person (SL or SA code)
Shipping Line Code ("shpngLineCd")	10	C	The Code of Main Line Operator.
Authorised Sea Carrier Code ("authSeaCarrierCd")	10	AN	The Registered Code of Authorized Sea Carrier (Entity responsible for operating the Conveyance)
Master Name ("masterName")	30	C	only in Arrival or Departure
Shipping Line Bond No. ("shpngLineBondNmbr")	10	AN	The Registered Number of Shipping Line Bond (Entity responsible for operating the Conveyance).
Terminal Operator Code ("trmnlOprtrCd")	10	C	The Code of Main Operator

3.5.3 Vessel Details

Field Description	Field Length	Type	Description
Vessel Details			
Mode of Transport ("modeOfTrnsprt")	4	AN	Mode of Transport used for crossing the Border/Movement, Coded. LOVs: 1=Sea, 2=Rail, 3=Truck, 4=Air
Type of Transport means ("typOfTrnsprtMeans")	25	AN	The type of identifier of the means of transport used in crossing the Border/Movement, coded. LOVs: IMO / IATA / Lloyd
Transport Means Identity ("trnsprtMeansId")	25	AN	Identifier to identify the means of transport used for crossing the Border/Movement, Coded.
Vessel Code ("vesselCd ")	10	C	A unique ship's identification used primarily for radio communications shown on the ship's IMO certificates.
Ship Type ("shipTyp")	3	AN	The type of the ship shown on its IMO ship's certificate.
Nationality of Ship ("natnltyOfShip:	70	C	The code representing the nationality of the ship shown on its IMO ship's certificate.
Port of Registry ("prtOfRegistry")	6	AN	The name and country for the Port of Registry shown on the IMO ship certificate.
Registry Date ("registryDt")		D	The date of issuance shown on the Certificate of Registry.
Registry Number ("registryNmbr")	35	AN	The unique alphanumeric identifier assigned to the Certificate of Registry by the issuing nation for tracking purposes.
Gross tonnage ("grossTonnage")	12,3	N	The gross tonnage shown on the ship's International Tonnage Certificate or other document issued by the Flag State or Recognized Organization.
Net Tonnage ("netTonnage")	14	N	The net tonnage shown on the ship's International Tonnage Certificate or other document issued by the Flag State or Recognized Organization.
Purpose of Call ("purposeOfCall")	3	AN	A code representing the primary reason for the ship to enter the referenced port.

Type of Transport Means:(IMO/IATA/Lloyd)

Vessel Code, Ship Type, Nationality of ship, Port of Registry, Registry Date, Registry Number, Gross

Tonnage, Net Tonnage, Purpose of Call : check if available in VCN

3.5.4 Voyage Details

Field Description	Field Length	Type	Description
Voyage Details ("voyageDtIs")			
Voyage Number	10	C	Unique number assigned by Operator for a voyage.
Conveyance Reference Number ("cnvnceRefNmbr")	35	AN	To identify a journey of a means of transport, for example voyage number, flight number, trip number.(Assigned by Port, Airport).
Total No. of Transport Equipment Manifested ("totalNoOf sequenceOrControlNumber Mnfsted")	5	N	The Count of Transport Contracts Manifested on the voyage
Cargo Description ("crgoDescCdd")	3	AN	Cargo Description , coded
Brief Cargo Description ("briefCrgoDesc")	30	C	Brief cargo desc
Total number of Transport Contracts Manifested ("totalNmbrOfLines")	5	N	The Count of Transport Contracts Manifested on the voyage.
Expected Date & Time of Arrival ("exptdDtAndTimeOfArvl")		D	The date and time the ship is estimated to arrive at the port of Call.
Expected Date & Time of Departure ("exptdDtAndTimeOfDptr")		D	The date and time the ship is estimated to depart at the port of call. (YYYYMMDD)
Number of Passengers Manifested ("nmbrOfPsngrsMnfsted")	4	N	The count of persons on board the ship who are passengers as defined by SOLAS.
Number of Crew Manifested ("nmbrOfCrewMnfsted")	4	N	The count of persons actually employed for duties on board during a voyage in the working or service of a ship and included in the crew list.

Total Number of Transport contracts Manifested : The Count of Transport Contracts issued by Main Line should be declared.(Number of Master Bill of Lading)

Expected Date and Time of Arrival/Departure : more accurate time as per last port of call to be given.

3.5.4.1 Ship Itinerary

Field Description	Field Length	Type	Description
Ship Itinerary			The Details of routing of the ship
Ship Itinerary sequence ("shipltnrySeq")	3	C	The serial number indicating the sequence of the port of call by the Transport Means.
Port of call Coded ("prtOfCallCdd")	10	AN	The Code representing the Port of call by Transport Means.
Port of call Name ("prtOfCallName")	256	AN	The Name representing the Port of call by Transport Means

Ship Itinerary Sequence: Previous port of call with –ve,
Subsequent port of call with +ve

3.5.5 Arrival /Departure Details

Field Description	Field Length	Type	Description
Arrival / Departure Details ("arvIDtls")			The details pertaining to arrival/departure
Number of Passengers on Call ("nmbrOfPsngrs")	4	N	The count of persons on board the ship who are passengers as defined by SOLAS.
Number of crew on Call ("nmbrOfCrew")	4	N	The count of persons actually employed for duties on board during a voyage in the working or service of a ship and included in the crew list.
Light House dues (in INR) ("lightHouseDues")	9	N	The Amount of Light House Dues Paid
Arrival time reported by TO ("arvlTimeRprtdByTo")		D (YYYYMMDD hh24:mi)	The Actual Time of Arrival reported by Port (YYYYMMDD hh24:mi)- Pilot Boarded Time
Departure time reported by TO ("dptrTimeRprtdByTo")		D (YYYYMMDD hh24:mi)	The Actual Time of Departure reported by Port (YYYYMMDD hh24:mi)
Date & time of entry inward ("dtTimeOfEntryInward")		D (YYYYMMDD hh24:mi)	The Date of Time of grant of Entry Inward
Date & Time of Sailing report ("dtTimeOfSailingReprt")		D (YYYYMMDD hh24:mi)	The Date & Time of grant of Sailing Report
Landing complete time by TO ("lndngCmpltTimeByTo")		D (YYYYMMDD hh24:mi)	The Actual Time of Completion of Landing of Cargo as reported by Authorized Terminal Operator
Loading complete time by TO ("loadingCmpltTimeByTo")		D (YYYYMMDD hh24:mi)	The Actual Time of Completion of Loading of Cargo as reported by Authorized Terminal Operator
Total No. of containers Landed ("totalNoOfCntrsLanded")	5	N	The Total Count of Transport Equipment's Landed.
Total No. of Containers Loaded ("totalNoOfCntrsLoaded")	5	N	The Total Count of Transport Equipment's Loaded.
Total no. of persons on board ("totalNmbrOfPrsnsOnBoard")	4	N	The total number of persons on board the ship including crew and passengers.
Total no. of transport equipment reported on Arrival/Departure	5	N	The Count of Transport Equipment reported on the arrival/Departure

Field Description	Field Length	Type	Description
("totalNoOfTrnsprtEqmtRprtdOnArvDptr")			
Total no. of transport contracts reported on Arrival/Departure ("totalNmbrOfTrnsprtContractsRprtdOnArvDptr")	5	N	The Count of Transport Contracts Manifested on the arrival/Departure

Numbers of passengers on call: Can be amended only after entry inward.

Number of crew on call: Can be amended only after entry inward.

3.5.6 Master Consignment Declaration

3.5.6.1 MC Reference

Field Description	Field Length	Type	Description
MC Reference ("MRef")			
Line No ("lineNo")	5	N	The serial number indicating the list of Transport Contracts carried in the Transport Means
Master BL No ("mstrBNo")	20	AN	The Unique Identifier of Transport Document issued By Main Line Operator
Master BL Date ("mstrBDt")		D (YYYYMMDD hh24:mi)	The date of issue of Unique Identifier of Transport Document issued by main Line Pattern: [0-9]{4}(0[1-9] 1[0-2])(0[1-9] 1[1-2][0-9] 3[0-1])
Consolidated Indicator ("consolidatedIndctr")	4	AN	The Code indicating if the cargo is Consolidated or not.
Previous Declaration ("prevDec")	4	AN	The Code indicating if the declaration is filed earlier for the related cargo
Consolidator_PAN ("consolidatorPan")	15	AN	

3.5.6.2 Master Previous Declaration

Field Description	Field Length	Type	Description
Master Previous Declaration ("prevRef")			The Details of Reference to declaration filed earlier for this cargo
CIN Type ("cinTyp")	4	AN	Type of CIN (MCIN/PCIN/CSN)
MCIN ("mcinPcin")	20	AN	The unique Identifier issued by Customs for Transport Contract issued by Main line operator- Master Cargo Identification Number.
CSN Submitted Type ("csnSbmtTyp")	4	AN	The Type of Authorized Entity who filed CSN
CSN Submitted by ("csnSbmtBy")	20	AN	The Code of authorized Entity who filed CSN
CSN Reporting Type ("csnRptngTyp")	4	AN	The reporting Type of referenced CSN
CSN Site ID ("csnSiteId")	6	AN	
CSN Number ("csnNmbr":)	7	N	The Identifier number of referenced CSN
CSN Date ("csnDt")		D	The identifier date of referenced CSN
Previous MCIN ("prevMcin")	20	AN	Reference to Previous MCIN
Split Indicator ("splitIndctr")	2	AN	The Code to indicate Carriage of Split Consignment
Number of Packages ("nmbrOfPkgs")	16, 6	N	The measure of packages being carried in the voyage for particular transport contract
Type of Package ("typOfPackage")	4	AN	The type of packages referenced as being carried in the voyage for particular Transport Contract

3.5.6.3 MC Location_Customs

Field Description	Field Length	Type	Description
MC Location Customs ("locCstm")			The Details of Relevant of Port of Call pertaining to this cargo
First Port of Entry/Last Port of Departure ("firstPrtOfEntry")	6	AN	The Code of Port indicating first port of Arrival
Destination Port (Port/ICD/CFS/SEZ) ("destPrt")	6	AN	The Code of Port indicating Customs clearance
Next Port of Unlading ("nxtPrtOfUnlading")	6	AN	The Code indicating The Port of next unlading.
Type of Cargo (IM,EX,CG,EM) ("typOfCrgo")	2	C	The Code specifying the type of cargo based on the cross border carriage terms.
Item Type (Govt. cargo, Unaccompanied baggage or other cargo) ("itemTyp")	2	C	The Code specifying the type of cargo based on application of customs rules
Cargo Movement ("crgoMvmt") (Home clearance, Domestic transshipment, Foreign transshipment, Domestic transit, Foreign transit)	2	AN	The Code specifying the type of cargo based on movement of cargo
Naure of Cargo ("natrOfCrgo")	4	AN	
Split Indicator ("splitIndctr")	2	AN	The Code to indicate carriage of Split Consignment
Number of Packages ("nmbrOfPkgs")	16, 6	N	The measure of packages being carried in the voyage for particular transport contract
Type of Package ("typOfPackage")	4	AN	The type of packages referenced as being carried in the voyage for particular Transport Contract

3.5.6.4 MC Transhipper

Field Description	Field Length	Type	Description
MC Transhipper			
Transhipper Code (Authorised Carrier) ("trnshprCd")	10	AN	The Registered carrier) of Transhipper Code Authorised (Entity responsible for operating the Conveyance)
Transhipper Bond ("trnshprBond")	10	AN	The Bond of authorized Entity transshipping this Manifest.

3.5.6.5 MC Transport Document

Field Description	Field Length	Type	Description
MC Transport Document ("trnsprtDoc")			The Details of Document is used by Transport Operator
Port of Acceptance, Coded ("prtOfAcptCdd")	6	AN	Identification of the place where the goods are taken over by the carrier from the consignor, Coded
Port of Acceptance Name ("prtOfAcptName")	256	AN	Identification of the place where the goods are taken over by the carrier from the consignor, Name
Port of Receipt, coded ("prtOfReceiptCdd")	10	AN	Identification of the place at which the goods have been or are to be received by the consignee.
Port of Receipt Name ("prtOfReceiptName")	256	AN	Name of the place at which the goods have been or are to be Received by the consignee.
Consignor's Name ("cnsgrsName")	70	C	The Name of the Consignor as the Transport Document
Consignor's Code ("cnsgrsCd")	17	C	A - not mandatory ; D- Mandatory - same as SB
Consignor Code Type ("cnsgrCdTyp")	3	C	The Type of Identification of Code of the Consignor as per the Transport Document issued by MLO
Consignor Street Address ("cnsgrStreetAddress")	70	C	The address of the Consignor as per Transport Document issued by MLO
Consignor City ("cnsgrCity")	70	C	The City of the Consignor as per Transport Document issued by MLO.
Consignor country sub division name ("cnsgrCntrySubDivName")	35	C	The State or any Subdivision of the Country of the Consignor as per MLO
Consignor country sub division code ("cnsgrCntrySubDivCd")	9	C	The Code indicating Consignor's State or Subdivision of the country as per Transport Document issued by MLO.
Consignor Country Code ("cnsgrCntryCd")	2	C	The code indicating the country of Consignor as per Transport Document issued by MLO.
Consignor Post Code ("cnsgrPstcd")	9	C	The Postal Code of the Consignor as per Transport Document issued by MLO.
Consignee Name ("cnsgrsName")	70	C	The Name of the Consignee as per the Transport Document.
Consignee Code ("cnsgrsCd")	17	C	D - not mandatory ; A- Mandatory
Type of code ("typOfCd")	3	C	The Identification Code of the Consignee as per the Transport Document issued by Main Line Operator.
Consignee Street Address ("cnsgrStreetAddress")	70	C	The address of the Consignee as per Transport Document issued by MLO
Consignee City ("cnsgrCity")	70	C	The City of the Consignee as per Transport Document issued by MLO.
Consignee Country sub division name ("cnsgrCntrySubDivName")	35	C	The State or any Subdivision of the Country of the Consignee as per MLO.
Consignee Country Sub division	9	C	The Code indicating Consignee's State or Subdivision of

Field Description	Field Length	Type	Description
("cnsagneCntrySubDiv")			the country as per Transport Document issued by MLO.
Consignee Country Code ("cnsagneCntryCd")	2	C	The code indicating the country of Consignor as per Transport Document issued by MLO
Consignee Post Code ("cnsagnePstcd")	9	C	
Name of any other Notified Party ("nameOfAnyOtherNotfdParty")	70	C	The Name of the Notified Party as per the Transport Document
PAN of notified party ("panOfNotfdParty")	17	AN	The Identification Code of the Notified Party as per the Transport Document issued by Main Line Operator. D
Type of Notified Party Code ("typOfNotfdPartyCd")	3	C	The Type of Identification of Code of the Notified Party as per the Transport Document issued by MLO.
Notified Party Street Address ("notfdPartyStreetAddress")	70	C	The address of the Notified Party as per Transport Document issued by MLO
Notified Party City ("notfdPartyCity")	70	C	The City of the Notified Party as per Transport Document issued by MLO.
Notified party country sub division name ("notfdPartyCntrySubDivName")	35	C	The State or any Subdivision of the Country of the Notified party as per Transport Document issued by MLO.
Notified party country sub division ("notfdPartyCntrySubDiv")	9	C	The Code indicating Notified Party's State or Subdivision of the country as per Transport Document issued by MLO.
Notified Party Country Code ("notfdPartyCntryCd")	2	C	The code Indicating the country of Notified Party as per Transport Document issued by MLO.
Notified Party Post Code ("notfdPartyPstcd")	9	C	The Postal Code of the Notified Party as per Transport Document issued by MLO.
Goods Description as per B/L ("goodsDescAsPerBl")	512	AN	A description of the type of cargo carried on the ship in general terms as per Transport Document issued by MLO.
UCR Type ("ucrTyp")	3	AN	
UCR Code ("ucrCd")	35	AN	

3.5.6.6 MC Transport Document_msr

Field Description	Field Length	Type	Description
MC Transport Document_msr ("trnsprtDocMsr")			
Number of packages ("nmbrOfPkgs")	8	N	Number of individual items packaged in such a way that they cannot be divided without first undoing the packing.
Type of Packages ("typsOfPkgs")	3	AN	A code representing the type of package used for the referenced cargo.
Marks & Numbers on packages ("marksNoOnPkgs")	512	AN	An alphanumeric or symbolic identifier assigned by the shipper as a means to track cargo not carried in bulk.
Gross Weight ("grossWeight")	12,3	N	Weight (mass) of goods including packaging but excluding the carrier's Equipment for a document
Net Weight ("netWeight")	12,3	N	Weight (mass) of the Goods themselves without any packing
Unit of weight ("unitOfWeight")	3	C	A code representing the type of measure used for the referenced cargo.
Gross Volume ("grossVolume")	12,3	N	A measure of the gross volume, normally calculated by multiplying the maximum length, width and height of the cargo item.
Unit of Volume ("unitOfVolume")	3	C	A code representing the type of measure used for the referenced cargo.
Invoice value of consignment ("invoiceValueOf Cnsgmt")	16,2	N	Total of all invoice amounts declared in a single declaration
Currency Code ("crncyCd")	3	AN	Code specifying a monetary unit or currency

Consignor's Code /Consignee Code: A - not mandatory ; D- Mandatory - same as SB.

Consignor's Code Type: Default IEC -but others may include.

Name of any notified party: if not available, provide consignee Name.

PAN of Notified Party : D - not mandatory ; A- Mandatory.

3.5.6.7 MC Item Details

Field Description	Field Length	Type	Description
MC Item Details ("itemDtIs")			The Details of Cargo items in reference to Transport Document
Cargo Item Sequence No ("crgolItemSeqNmbr")	5	N	The Serial number Indicating the cargo Items carried in the Transport Document
HS Code ("hsCd")	10	AN	A code describing the Commodity classification, e.g. Harmonized System of Classification (HSN)
Cargo Item Description ("crgolItemDesc")	256	AN	Plain language description of the nature of a goods item sufficient to identify it for cross-border regulatory purposes such as customs, phytosanitary, Statistical or transport purposes.
UNO Code ("unoCd")	5	C	United Nations Dangerous Goods Identifier (UNDG) assigned by the UN Sub-Committee of Experts on the Transport of Dangerous Goods and shown in the IMO IMDG.
IMDG Code ("imdgCd")	3	AN	United Nations Dangerous Goods Identifier (UNDG) assigned by the UN Sub-Committee of Experts on the Transport of Dangerous Goods and shown in the IMO IMDG.
Number of Packages ("nmbrOfPkgs")	8	N	A description of the type of cargo carried on the ship in general terms as per Transport Document issued by MLO
Type of Packages ("typOfPkgs")	3	AN	Number of individual items packaged in such a way that they cannot be divided without first undoing the packing.

Cargo Item Sequence No : mandatory if consolidated = N

3.5.6.8 MC Transport Equipment

Field Description	Field Length	Type	Description
MC Transport Equipment ("trnsprtEqmt")			A code representing the type of package used for the referenced cargo.
Equipment Sequence Number ("eqmtSeqNo")	5	N	The Serial number of Equipment referenced in the Transport Document
Equipment Identifier ("eqmtId")	17	AN	Marks (letters and/or numbers) which identify equipment e.g. unit load device, Container
Equipment Type ("eqmtTyp")	3	AN	The Code specifying the type of the Equipment used for Transport
Equipment Size ("eqmtSize")	4	AN	The Code specifying the size of the Equipment used for Transport
Equipment Load Status ("eqmtLoadStatus")	3	AN	Code specifying how full is piece of transport is.
Additional equipment hold ("adtnlEqmtHold")	256	AN	The Identifier for Additional Equipment used for Hold e.g Tray etc.
Final Destination Location ("finalDestLoc")	10	AN	The Code indicating the location of unloading of the referenced cargo
Event Date ("eventDt")		T	The Code indicating the Date of Event
Equipment Seal Type ("eqmtSealTyp")	5	AN	The Type of Seal used for affixing to a Transport Equipment
Equipment Seal number ("eqmtSealNmbr")	15	AN	The identification number of a seal affixed to a piece of transport equipment.
Other equipment id ("otherEqmtId")	256	AN	The Identifier of Other Additional Equipment used for Carriage
Equipment status	3	AN	The Status of the Transport Equipment
Soc Flag ("socFlag")	1	AN	The Indicator to specify the Ownership of the Container
Container Agent Code ("cntrAgntCd")	17	AN	The Identifier of the Container Agent responsible for handling of Container
Container Weight ("cntrWeight")	14,2	N	The Verified Gross Mass (VGM) is the weight of the cargo including dunnage and bracing plus the tare weight of the container carrying this cargo.
Total no of packages ("totalNmbrOfPkgs")	8	N	The measure of packages being carried in the voyage for particular Transport Equipment

3.5.6.9 MC Itinerary

Field Description	Field Length	Type	Description
MC Itinerary ("itnry")			
Port of call sequence number ("prtOfCallSeqNmbr")	3	N	The Serialnumber indicating the sequence of the port of call by the referenced cargo
Port of Call, Coded ("prtOfCallCdd")	10	AN	The Code indicating the place/Port of call, Coded
Port of Call Name ("prtOfCallName")	256	AN	The Code indicating the place/Port of call, Text
Next port of call, coded ("nxtPrtOfCallCdd")	10	AN	The Registered Coded of Next Port of Call, Coded
Next port of call name ("nxtPrtOfCallName")	256	AN	The Registered Coded of Next Port of Call, Text
Mode of Transport ("modeOfTrnsprt")	1	C	Mode of Transport used for crossing the Border/Movement, Coded

Mode of Transport : 1=Sea;2-Rail;3-Road;4-Air

3.5.6.10 Supplementary Declarant

Field Description	Field Length	Type	Description
Supplementary Declaration			
CIN Type ("cinTyp")	4	AN	The Type of Cargo Identification Number given by Customs for referenced Cargo
MCIN ("mcinPcin")	20	AN	The unique Identifier issued by Customs for Transport Contract issued by Main line operator- Master Cargo Identification Number.
CSN Submitted Type ("csnSbmtTyp")	4	AN	The Type of Authorized Entity who filed CSNC
CSN Submitted by ("csnSbmtBy")	20	AN	The Code of authorized Entity who filed CSN
CSN Reporting Type ("csnRptngTyp")	4	AN	The reporting Type of referenced CSN
CSN Site ID ("csnSiteId")	6	AN	The Custom Location of Reporting
CSN Number ("csnNmbr":)	7	N	The identifier Number of referenced CSN
CSN Date ("csnDt")		D	The identifier date of referenced CSN
Previous MCIN ("prevMcin")	20	AN	Reference to Previous MCIN
Split Indicator ("splitIndctr")	2	AN	The Code to indicate carriage of Split Consignment
Number of Packages ("nmbrOfPkgs")	16, 0	N	The measure of packages being carried in the voyage for particular transport contract
Type of Package ("typOfPackage")	4	AN	The type of packages referenced as being carried in the voyage for particular Transport Contract

Submitter Type : ASA/ATO/ASC/AN.

3.5.6.11 House Cargo Declaration

3.5.6.11.1 HC Reference

Field Description	Field Length	Type	Description
HCDeclaration Reference ("HRef")			Nil Cargo Ships can come
Subline No ("subLineNo")	4	N	The Serial number of the House Transport Document
House BL No ("blNo")	20	AN	The Unique Identifier of Transport Document issued by NVOCC to the Actual Shipper
House BL Date ("blDt")		D	The date of issue of Unique Identifier of Transport Document issued by NVOCC to the Shipper
Document Type (doctype)	10	C	The Type of Customs Document in reference to the cargo
Document Number (docNo)	6	AN	The Identifier of the Customs Location of processing of Customs Document
Document Site ID (docSiteID)	10	N	The Unique Number assigned to the Customs Document in reference to this cargo
Document Date (docDate)		D	The date of submission of this Customs Document to Customs
Consolidated Indicator ("consolidatedIndctr")	4	AN	The Code indicating if the cargo is consolidated or not
Consolidator_PAN ("consolidatorPan")	15	AN	The PAN of The Consolidator party to the Document in India should be declared - can be different from the person submitting the details to Customs
Previous Declaration ("prevDec")	4	AN	The Code indicating if the declaration is filed earlier for the related cargo

3.5.6.11.2 HC_Previous Reference

Field Description	Field Length	Type	Description
HC Previous_Reference ("prevRef")			
CIN Type ("cinTyp")	4	AN	The Type of Cargo Identification Number given by Customs for referenced Cargo
MCIN/PCIN ("mcinPcin")	20	AN	The unique Identifier issued by Customs for Transport Contract issued by Main line operator- Master Cargo Identification Number
CSN Submitted Type ("csnSbmtTyp")	4	AN	The Type of Authorised Entity who filed CSN
CSN Submitted By ("csnSbmtBy")	20	AN	The Code of Authorised Entity who filed CSN
CSN Reporting Type ("csnRptngTyp")	4	AN	The reporting Type of referenced CSN
CSN Site ID ("csnSiteId")	6	AN	The Custom Location of Reporting
CSN Number ("csnNmbr")	7	N	The Identifier number of referenced CSN
CSN Date ("csnDt")		D	The identifier date of referenced CSN
Previous MCIN ("prevMcin")	20	AN	Reference to Previous MCIN
Split Indicator ("splitIndctr")	2	AN	The Code to indicate carriage of Split Consignment
Number of Packages ("nmbrOfPkgs")	16, 0	N	The measure of packages being carried in the voyage for particular transport contract
Type of Package ("typOfPackage")	4	AN	The type of packages referenced as being carried in the voyage for particular Transport Contract

3.5.6.11.3 HC Location_Customs

Field Description	Field Length	Type	Description
HC Location Customs ("locCstm")			The Details of locations relevant for this House Transport Document
First Port of entry ("firstPrtOfEntry")	6	AN	The Code of Port indicating first port of Arrival/Last of Port of Departure
Destination port (Port/ICD/CFS/SEZ) ("destPrt")	6	AN	The Code of Port indicating Customs clearance
Next Port of Unlading ("nxtPrtOfUnlading")	6	AN	The Code indicating The Port of next unlading
Type of Cargo("typOfCrgo")	2	C	The Code specifying the type of cargo based on the cross border carriage terms.
Item Type ("itemTyp")	2	C	The Code specifying the type of cargo based on application of customs rules
Cargo Movement ("crgoMvmt")	2	C	The Code specifying the type of cargo based on movement of cargo
Nature of Cargo ("natrOfCrgo")	4	AN	The Flag to indicate the type of Transport Equipment carrying the referenced cargo
Split Indicator ("splitIndctr")	2	AN	The Code to indicate Carriage of Split Consignment
Number of Packages ("nmbrOfPkgs")	16, 0	N	The measure of packages being carried in the voyage for particulartransport contract
Type of Package ("typOfPackage")	4	AN	The type of packages referenced as being carried in the voyage for particular Transport Contract

3.5.6.11.4 HC Transhipper

Field Description	Field Length	Type	Description
HC Transhipper ("trnshpr")			
Transhipper Code ("trnshprCd")	10	AN	(The RegisterCarrier) of Transhipper Code Authorised (Entity responsible for operating the Conveyance)
Transhipper Bond ("trnshprBond")	10	AN	The Bond of Authorized Entity undertaking Transshipment of the referenced cargo

3.5.6.11.5 HC Transporter Document_party

Field Description	Field Length	Type	Description
HC Transport Document ("trnsprtDoc")			The details of Document issued by NVOCC
Port of cceptance, coded ("prtOfAcptCdd")	6	AN	Identification of the place where the goods are taken over by the carrier from the consignor, Coded
Port of Acceptance Name ("prtOfAcptName")	256	AN	Identification of the place where the goods are taken over by the carrier from the consignor, Name
Port of Receipt, coded ("prtOfReceiptCdd")	10	AN	Identification of the place at which the goods have been or are to be received by the consignee
Port of Receipt Name ("prtOfReceiptName")	256	C	Name of the place at which the goods have been or are to be received by the consignee
Consignor Name ("cnsgrnsName")	70	C	The Name of the Consignor as per the Transport Document
Consignor Code ("cnsgrnsCd")	17	C	The Identification Code of the Consignor as per the Transport Document issued by NVOCC
Consignor Code Type ("cnsgrCdTyp")	3	C	The Type of Identification of Code of the Consignor as per the Transport Document issued by NVOCC
Consignor street address ("cnsgrnStreetAddress")	70	C	The address of the Consignor as per Transport Document issued by NVOCC
Consignor city ("cnsgrnCity")	70	C	The City of the Consignor as per Transport Document issued by NVOCC
Consignor country sub division name ("cnsgrnCntrySubDivName")	35	C	The State or any Subdivision of the Country of the Consignor as per VOCC
Consignor country sub division code ("cnsgrnCntrySubDivCd")	9	C	The Code indicating Consignor's State or Subdivision of the Country as per Transport Document issued by NVOCC
Consignor country code ("cnsgrnCntryCd")	2	C	The code indicating the country of Consignor as per Transport Document issued by NVOCC
Consignor Post Code ("cnsgrnPstcd")	9	C	The Postal Code of the Consignor as per Transport Document issued by NVOCC
Consignee Name ("cnsgrnesName")	70	C	The Name of the Consignee as per the Transport Document
Consignee code ("cnsgrnesCd")	17	C	The Identification Code of the Consignee as per the Transport Document issued by NVOCC
Type of code ("typOfCd")	3	C	The Type of Identification of Code of the Consignee as per the Transport Document issued by NVOCC
Consignee street address ("cnsgrneStreetAddress")	70	C	The address of the Consignee as per Transport Document issued by NVOCC
Consignee city ("cnsgrneCity")	70	C	The City of the Consignee as per Transport Document issued by NVOCC
Consignee country sub division name	35	C	The State or any Subdivision of the Country of the Consignee as per NVOCC

Field Description	Field Length	Type	Description
("cnsgneCntrySubDivName")			
Consignee country sub division ("cnsgneCntrySubDiv")	9	C	The Code indicating Consignee's State or Subdivision of the Country as per Transport Document issued by NVOCC
Consignee Country Code ("cnsgneCntryCd")	2	C	The code indicating the country of Consignor as per Transport Document issued by NVOCC
Consignee post code ("cnsgnePstcd")	9	C	The Postal Code of the Consignor as per Transport Document issued by NVOCC
Name of any other notified party ("nameOfAnyOtherNotfdParty")	70	C	The Name of the Notified Party as per the Transport Document
PAN of notified party ("panOfNotfdParty")	17	C	The Identification Code of the Notified Party as per the Transport Document issued by Main Line Operator
Type of notified party code ("typOfNotfdPartyCd")	3	C	The Type of Identification of Code of the Notified Party as per the Transport Document issued by NVOCC
Notified Party Street Address ("notfdPartyStreetAddress")	70	C	The address of the Notified Party as per Transport Document issued by NVOCC
Notified Party City ("notfdPartyCity")	70	C	The City of the Notified Party as per Transport Document issued by NVOCC
Notified Party Country subdivision name ("notfdPartyCntrySubDivName")	35	C	The State or any Subdivision of the Country of the Notified party as per Transport Document issued by NVOCC
Notified Party Country subdivision ("notfdPartyCntrySubDiv")	9	C	The Code indicating Notified Party's State or Subdivision of the Country as per Transport Document issued by NVOCC
Notified party country code ("notfdPartyCntryCd")	2	C	The code indicating the country of Notified Party as per Transport Document issued by NVOCC
Notified party post code ("notfdPartyPstcd")	9	C	The Postal Code of the Notified Party as per Transport Document issued by NVOCC
Goods Description as per B/L ("goodsDescAsPerBl")	512	AN	A description of the type of cargo carried on the ship in general terms as per Transport Document issued by NVOCC
UCR Type ("ucrTyp")	3	AN	The Type of Unique Consignment Reference
UCR Code ("ucrCd")	35	AN	Unique number by Shipper assigned to goods being subject to cross border transactions.

3.5.6.11.6 HC Item Details

Field Description	Field Length	Type	Description
HC Item Details ("itemDtls")			The details of Cargo items in reference to Transport Document
Cargo Item Sequence No ("crgoltemSeqNmbr")	5	N	The Serial number indicating the cargo items carried in the Transport Document
HS Code ("hsCd")	10	AN	A code describing the Commodity classification, e.g. Harmonized System of Classification (HSN)
Cargo Item Description ("crgoltemDesc")	256	AN	Plain language description of the nature of a goods item sufficient to identify it for cross-border regulatory purposes such as customs, phytosanitary, statistical or transport
UNO Code ("unoCd")	5	C	United Nations Dangerous Goods Identifier (UNDG) assigned by the UN Sub-Committee of Experts on the Transport of Dangerous Goods and shown in the IMO IMDG.
IMDG Code ("imdgCd")	4	AN	Any risk in addition to the class of the referenced dangerous goods according to the IMO IMDG Code.
Number of Packages ("nmbrOfPkgs")	8	N	A description of the type of cargo carried on the ship in general terms as per Transport Document issued by MLO
Type of Packages ("typOfPkgs")	3	AN	Number of individual items packaged in such a way that they cannot be divided without first undoing the packing.

3.4.6.10.7 HC Transport Equipment

Field Description	Field Length	Type	Description
HC Transport Equipment ("trnsprtEqmt")			
Equipment Sequence Number ("eqmtSeqNo")	5	N	The Serial number of Equipment referenced in the Transport Document
Equipment ID ("eqmtId")	17	AN	Marks (letters and/or numbers) which identify equipment e.g. unit load device, Container
Equipment Type ("eqmtTyp")	3	AN	The Codespecifying the type of the Equipment used for Transport
Equipment Size ("eqmtSize")	4	AN	The Codespecifying the size of the Equipment used for Transport
Equipment Load Status ("eqmtLoadStatus")	3	AN	Code specifying how full is piece of transport is.
Additional equipment hold ("adtnlEqmtHold")	256	AN	The Identifier for Additional Equipment used for Hold e.g Tray etc.
Final Destination Location	10	AN	The Code indicating the location of unloading of the referenced cargo
Event Date		T	The Code indicating the Date of Event (Timestamp)
Equipment Seal Type ("eqmtSealTyp")	5	AN	The Type of Seal used for affixing to a Transport Equipment
Equipment Seal number ("eqmtSealNmbr")	15	AN	The identification number of a seal affixed to a piece of transport equipment.
Other equipment id ("otherEqmtId")	256	AN	The Identifier of Other Additional Equipment used for Carriage
Equipment Status	3	AN	The Status of the Transport Equipment
Soc Flag ("socFlag")	1	AN	The Indicator to specify the Ownership of the Container
Container Agent Code ("cntrAgntCd")	17	AN	The Identifier of the Container Agent responsible for handling of Container
Container Weight ("cntrWeight")	14,2	N	The Verified Gross Mass (VGM) is the weight of the cargo including dunnage and bracing plus the tare weight of the container carrying this cargo.
Total no of packages ("totalNmbrOfPkgs")	8	N	The measure of packages being carried in the voyage for particular Transport Equipment

3.5.6.11.8 HC Itinerary

Field Description	Field Length	Type	Description
HC Itinerary ("itnry")			The Details of Routing for the referenced Cargo
Port of call sequence number ("prtOfCallSeqNmbr")	3	N	The Serial number indicating the sequence of the port of call by the referenced cargo
Port of Call, Coded ("prtOfCallCdd")	10	AN	The Code indicating the place/Port of call, Coded
Port of Call Name ("prtOfCallName")	256	AN	The Code indicating the place/Port of call, Text
Next port of call, Coded ("nxtPrtOfCallCdd")	10	AN	The Registered Coded of Next Port of Call, Coded
Next port of call name ("nxtPrtOfCallName")	256	AN	The Registered Coded of Next Port of Call, Text
Mode of Transport ("modeOfTrnsprt")	1	C	Mode of Transport used for crossing the Border/Movement, Coded

3.5.6.11.9 HC Additional Declaration

Field Description	Field Length	Type	Description
HC Additional Declaration ("adtnlDec")			The Details of Additional Declaration provided in reference to this cargo
Tag Reference ("tagRef")	5	AN	The Flag indicating the part of the declaration to which this document is referenced
Reference serial no ("refSerialNo")	5	N	The Serial number in that part of the declaration to which this document is referenced
Info_type ("infoTyp")	10	AN	The code indicating the type of Additional Declaration being made.
Info_qualifier ("infoQualifier")	10	AN	The code indicating the type of additional declaration being made.
Info_code ("infoCd")	35	AN	The Responseto the additional declaration as a Code.
Info_text ("infoText")	100	AN	The Responseto the additional declaration as a text.
Info_Msr ("infoMsr")	5	N	The Responseto the additional declaration as a Measure
Info_date ("infoDt")		T	The Responseto the additional declaration as a Date

3.5.6.11.10 HC_Supporting Documents

Field Description	Field Length	Type	Description
HC Supporting Documents ("crgoSuprtDocs")			The Details of Supporting Documents provided in reference to the cargo in Transport Document
Tag Reference ("tagRef")	5	AN	The Flag indicating the part of the declaration to which this document is referenced
Reference Serial No ("refSerialNo")	5	N	The Serial number in that part of the declaration to which this document is referenced
Sub Serial No Reference	5	N	The Sub Serial Number in that part of the declaration to which this document is referenced
ICEGATE User ID ("icegateUserid")	15	C	The ICEGATE ID of the User who uploaded this document
IRN Number ("irnNmbr")	14	N	The Unique Reference Number given by eSanchit on uploading of this document
Document Reference No ("docRefNmbr")	17	C	The Unique Reference Number given by the Issuer to this document
Document Type Code ("docTypCd")	6	C	The Identifier assigned by Customs to identify the type of the document
Beneficiary Code ("bnefcryCd")	35	C	The Identifier of the Beneficiary of this Document

3.5.6.11.11 HC_Response

Field Description	Field Length	Type	Description
HC_Response			
CIN Type ("cinTyp")	4	AN	The Type of Cargo Identification Number given by Customs for referenced Cargo
MCIN/PCIN ("mcinPcin")	20	AN	The unique Identifier issued by Customs for Transport Contract issued by Main line operator- Master Cargo Identification Number
Decision Code		AN	The code indicating the action communicated by Customs consequent to the declaration.
Decision Remarks		AN	The Free Text remarks communicated by Customs consequent to the declaration.

3.5.6.11.12 HC Transporter Document_msr

Field Description	Field Length	Type	Description
HC Transport Document_msr ("trnsprtDocMsr")			
Number of Packages ("nmbrOfPkgs")	8	N	Number of individual items packaged in such a way that they cannot be divided without first undoing the packing.
Types of Packages ("typsOfPkgs")	3	AN	A code representing the type of package used for the referenced cargo.
Marks & No on Packages ("marksNoOnPkgs")	512	AN	An alphanumeric or symbolic identifier assigned by the shipper as a means to track cargo not carried in bulk.
Gross Weight ("grossWeight")	12,3	N	Weight (mass) of goods including packaging but excluding the carrier's equipment for a document
Net Weight ("netWeight")	12,3	N	Weight (mass) of the goods themselves without any packing
Unit of Weight ("unitOfWeight")	3	C	A code representing the type of measure used for the referenced cargo.
Gross Volume ("grossVolume")	12,3	N	A measure of the gross volume, normally calculated by multiplying the maximum length, width and height of the cargo item.
Unit of Volume ("unitOfVolume")	3	C	A code representing the type of measure used for the referenced cargo.
Invoice Value of Consignment ("invoiceValueOfCnsgmt")	16,2	N	Total of all invoice amounts declared in a single declaration
Currency Code ("crncyCd")	3	AN	Code specifying a monetary unit or currency

3.5.6.12 MC Additional Declaration

Field Description	Field Length	Type	Description
MC Additional Declaration ("mcAdtnlDec")			The details of additional declaration provided in reference to this cargo
Tag Reference ("tagRef")	5	AN	The Flag indicating the part of the declaration to which this document is referenced
Reference Serial No ("refSerialNo")	5	N	The Serial number in that part of the declaration to which this document is referenced
Info_type ("infoTyp")	10	AN	The code indicating the type of additional declaration being made.
Info_qualifier ("infoQualifier")	10	AN	The code indicating the type of additional declaration being made.
Info_code ("infoCd")	35	AN	The response to the additional declaration as a Code.
Info_text ("infoText")	100	AN	The response to the additional declaration as a text.
Info_Msr ("infoMsr")	5	N	The response to the additional declaration as a Measure
Info_date ("infoDt")		T	The response to the additional declaration as a Date

3.5.6.13 MC_ Supporting documents

Field Description	Field Length	Type	Description
MC Supporting Documents ("mcSuprtDocs")			The details of Supporting Documents provided in reference to the cargo in Transport Document
Tag Reference ("tagRef")	5	AN	The Flag indicating the part of the declaration to which this document is referenced
Reference Serial Number ("refSerialNo")	5	N	The Serial number in that part of the declaration to which this document is referenced
Sub Serial No Reference ("subSerialNoRef")	5	N	The Sub Serial Number in that part of the declaration to which this document is referenced
ICEGATE User ID ("icegateUserid")	15	C	The ICEGATE ID of the User who uploaded this document
IRN Number ("irnNmbr")	14	N	The Unique Reference Number given by eSanchit on uploading of this document
Document Reference No ("docRefNmbr")	17	C	The Unique Reference Number given by the Issuer to this document
Document Type Code ("docTypCd")	6	C	The Identifier assigned by Customs to identify the type of the document
Beneficiary Code ("bnefcryCd")	35	C	The Identifier of the Beneficiary of this Document

3.5.6.14 MC_Response

Field Description	Field Length	Type	Description
HC_Response			
CIN Type ("cinTyp")	4	AN	The Type of Cargo Identification Number given by Customs for referenced Cargo
MCIN/PCIN ("mcinPcin")	20	AN	The unique Identifier issued by Customs for Transport Contract issued by Main line operator- Master Cargo Identification Number
Decision Code		AN	The code indicating the action communicated by Customs consequent to the declaration.
Decision Remarks		AN	The Free Text remarks communicated by Customs consequent to the declaration.

3.5.7 Person On Board

3.5.7.1 Personal Details

Field Description	Field Length	Type	Description
Person on Board ("prsnOnBoard")			The Details of Persons in relation to the referenced Conveyance
Person Details ("prsnDtIs")			The Details of Personal Information in relation to the person referenced
Person on board sequence number ("prsnOnBoardSeqNmbr")	5	N	A number indicating the order of the referenced person in a list.
Person Type, Coded (prsnTypCdd)	3	AN	A code representing the type of the referenced person's presented Identity or travel document.
Person Family Name (prsnFamilyName)	70	C	The family name of the referenced person, such as a crewmember or passenger.
Person Given Name (prsnGivenName)	70	C	The given name of the referenced person.
Person Nationality, coded (prsnNatnltyCdd)	2	C	A code representing the nationality of the referenced person as shown on the person's identity or travel document.
Passenger in Transit indicator (psngrInTransitIndctr)	1	N	A "yes/no" indicator of whether the referenced person is in transit to a foreign country.
Crewmember rank or rating (crewmemberRankOrRatingName)	70	AN	The description of the referenced person's
Crew member rank or rate code (crewmemberRankOrRatingCdd)	10	AN	A code representing the referenced crew member's rank or rating on the ship.
Passenger port of Embarkation Code (psngrPrtOfEmbrktnCdd)	5	AN	The code representing the port from which the referenced person embarked the ship.
Passenger port of Embarkation Name (psngrPrtOfEmbrktnName)	256	AN	The code representing the port from which the referenced person plans to disembark the ship.
Passenger port of Disembarkation Code (psngrPrtOfDsmbkrtnCdd)	5	AN	The code representing the port from which the referenced person plans to disembark the ship.
Passenger port of Disembarkation Name (psngrPrtOfDsmbkrtnName)	256	AN	The name of the port from which referenced passenger plans to disembark.
Person Gender (prsnGenderCdd)	3	AN	A code representing the gender of the referenced passenger.
Person Date of Birth (prsnDtOfBirth)		D	The referenced person's date of birth as shown on the person's identity document. YYYYMMDD
Person Place of Birth Name (prsnPlaceOfBirthName)	35	C	The name of the referenced person's place of birth as shown on the person's identity or travel document.

Field Description	Field Length	Type	Description
Person Country of Birth (prsnCntryOfBirthCdd)	2	C	A code representing the nationality of the referenced person as shown on the person's identity or travel document.

Person Type : FL - Passenger; FM- Crew; DEE- Stowaway (EDIFACT 3035).

Person Gender : 0= not known,1 = male,2 = female,9 = not applicable. (ISO/IEC 5218)

Person in transit indicator : 0-No ; 1 - Yes ;

3.5.7.2 Person Identity

Field Description	Field Length	Type	Description
Person Identity (prsnId)			
Person identity document expiry date (prsnIdDocExpiryDt)		D	The expiry date shown on the referenced person's identity document (YYYYMMDD)
Person identity or travel document issuing nation (prsnIdOrTravel DocIssuingNationCdd)	2	C	A code representing the nation issuing the Referenced person's Presented identity or travel document.
Person identity or travel document number (prsnIdOrTravelDocNmbr)	70	AN	A code representing the referenced person's Presented identity or travel document.
Person identity or travel document type, coded (prsnIdOrTravelDocTypCdd)	3	AN	A code representing the type of the referenced person's presented Identity or traveldocument.

3.5.7.3 Visa Details

Field Description	Field Length	Type	Description
Visa Details (visaDtls)			
Person Visa (Number) (prsnVisa)	70	AN	The unique number assigned to the referenced person's visa by the issuing nation.
PNR Number (pnrNmbr)	20	AN	Passenger Name Record

3.5.7.4 Crew Effect

Field Description	Field Length	Type	Description
Crew effect (crewEfct:)			
Crew Effects sequence number (crewEfctsSeqNmbr,)	5	N	A number representing the order of the referenced crew's effects in a list.
Crew Effects description Code ("crewEfctDescCdd",)	3	AN	A code representing the type of the referenced crew's effects.
Crew Effects Description ("crewEfctsDesc",)	256	AN	A code representing the type of the referenced crew's effects.
Crew Effects Quantity onboard ("crewEfctQtyOnbrd",)	16,6	N	The quantity or count of the type of the referenced crew's effects.
Crew Effects Quantity onboard code ("crewEfctQtyCdOnbrd")	3	AN	A code representing the units of measured for a referenced quantity onboard.

3.5.8 Ship Stores

Field Description	Field Length	Type	Description
Ship Stores (shipStores:)			
Ship stores sequence number (seqNmbr,)	5	N	A number indicating the order of the referenced ship stores article in a list.
Ship stores article name, coded ("articleNameCdd",)	18	AN	A code representing the Referenced ship stores article
Ship Stores article name, text ("articleNameText",)	512	AN	A description of the referenced ship stores article
Ship stores location Onboard ("locOnbrdText",)	256	AN	A description of the Location on the ship of the referenced stores article
Ship stores quantity on board ("qntyOnbrd",)	16,6	N	The number, count, or amount of an article of the referenced ship stores.
Ship stores quantity code onboard ("qntyCdOnbrd")	3	AN	A code representing the units of measured for a referenced quantity onboard.

3.5.9 Voyage Transport Equipment

Field Description	Field Length	Type	Description
Voyage Transport Equipment (voyageTransportEquipment)			The Details of Transport Equipment referenced in Transport Document
Equipment sequence number (equipmentSequenceNo)	5	N	The Serial number of Equipment referenced in the Transport Document
Equipment Id (equipmentId)	17	AN	Marks (letters and/or numbers) which identify equipment e.g. unit load device, Container
Equipment type (equipmentType)	3	AN	The Code specifying the type of the Equipment used for Transport
Equipment size (equipmentSize)	4	AN	The Code specifying the size of the Equipment used for Transport
Equipment Load status (equipmentLoadStatus)	3	AN	Code specifying how full is piece of transport is.
Additional equipment hold (additionalEquipmentHold)	256	AN	The Identifier for Additional Equipment used for Hold e.g Tray etc.
Final Destination Location (finalDestinationLocation)	10	AN	The Code indicating the location of unloading of the referenced cargo
Event Date ()		T	The Code indicating the Date of Event
Equipment seal type (equipmentSealType)	5	AN	The Type of Seal used for affixing to a Transport Equipment
Equipment seal number (equipmentSealNumber)	15	AN	The identification number of a seal affixed to a piece of transport equipment
Other equipment id (otherEquipmentId)	256	AN	The Identifier of Other Additional Equipment used for Carriage
Equipment status (equipmentStatus)	3	AN	The Status of the Transport Equipment
SOC flag (Y/N) (socFlag)	1	AN	The Indicator to specify the Ownership of the Container
Container Agent Code (containerAgentCode)	17	AN	The Identifier of the Container Agent responsible for handling of Container
Container Weight (containerWeight)	14,2	N	The Verified Gross Mass (VGM) is the weight of the cargo including dunnage and bracing plus the tare weight of the container carrying this cargo
Total Number of Packages (totalNumberOfPackages)	8	N	The measure of packages being carried in the voyage for particular Transport Equipment
Stowage position , coded (stowagePositionOfContainer)	10	AN	The equipment location on the conveyance
Container Bond Debit Flag (containerBondFlag)	1	C	Container Bond. LOVs are: D - Debit, C - Credit, H - Hold, N - Not Applicable

Equipment Sequence Number : EDIFACT 8053 BB- Breakbulk ; BL- Blocks; CH - Chassis; CN - Container; OBE - Onboard Container ; TE - Trailer;

3.5.10 TM_Supporting Documents

Field Description	Field Length	Type	Description
TM Supporting Documents (tmSuprtDocs)			The Details of Supporting Documents provided in reference to the cargo in Transport Document.
Tag Reference (tagRef)	5	AN	The Flag indicating the part of the declaration to which this document is referenced
Reference Serial Number (refSerialNo)	5	N	The Serial number in that part of the declaration to which this document is referenced.
Sub Serial No Reference (subSerialNoRef)	5	N	The Sub serial no. in that part of the declaration to which this declaration is referenced.
ICEGATE User ID (icegateUserid)	15	C	The ICEGATE ID of the User who uploaded this document.
IRN Number (irnNmbr)	14	N	The Unique Reference Number given by eSanchit on uploading of this document.
Document Reference No (docRefNmbr)	17	C	The Unique Reference Number given by the Issuer to this document
Document Type Code (docTypCd)	6	C	The Identifier assigned by Customs to identify the type of the document
Beneficiary Code (bnefcryCd)	35	C	The Identifier of the Beneficiary of this document

3.5.11 TM_Additional Declaration

Field Description	Field Length	Type	Description
TM Additional Declaration (tmAdtnlDec)			The Details of Additional Declaration provided in reference to this cargo
Tag Reference (tagRef)	5	AN	The Flag indicating the part of the declaration to which this document is referenced
Reference Serial No. (refSerialNo)	5	N	The Serial number in that part of the declaration to which this document is referenced
Info_Type (infoTyp)	10	AN	The code indicating the type of Additional Declaration being made
Info_Qualifier (infoQualifier)	10	AN	The code indicating the type of Additional Declaration being made
Info_Code (infoCd)	35	AN	The Response to the additional declaration as a Code
Info_Text (infoText)	100	AN	The Response to the additional declaration as a Text
Info_Msr (infoMsr)	5	N	The Response to Additional Declaration as a measure
Info_Date (infoDt)		T	The Response to Additional Declaration as a date

4. JSON Schema & Sample Files


4.1 JSONs Inbound Schema



SAM Schema.json




**SAA_v1
Schema.json**



SDA Schema.json



SDM Schema.json



SDN Schema.json




SEI Schema.json

4.2 JSONs Inbound and Outbound Sample Files



**F_SACHM23_SAM_S
AMTESTINGUSER_19**



**F_SACHM23_SAM_S
AMTESTINGUSER_20**



**F_SACHM23_SAM_I
CEGATEID_5103_202**



**F_SACHM23_SDM_I
CEGATEID_2004_202**



**F_SACHM23_SEI_ICE
GATEID_5202_20200**



**F_SACHM23_SDN_I
CEGATEID_8002_202**

4.3 JSONs Outbound SFL Schema



SFL_Schema.json

4.4 JSONs Outbound SFL Sample



**F_SACHM23_SAM_I
CEGATEID_5124_202**

4.5 JSONs Outbound ACK Sample Files



**F_SACHM23_SAM_I
CEGATEID_5122_202**



**F_SACHM23_SAM_I
CEGATEID_5123_202**



**F_SACHM23_SAM_I
CEGATEID_12345_20**

5. Explanation List

Object	Field Description	Explanation
Declaration Reference	Message Type	List of Values : F - Fresh ; A - Amendment ; D - Deletion
	Port of Reporting (CH Code)	The 6 digit Customs House Code of the Port should be mentioned.
	Job No	The Number generated by the user for identification during acknowledgement.
	Reporting Event (Arr/Dept)	For different Reporting Events, different Codes should be used - SAM ; SDM ; SEI ; SDN ; SAA ; SDA;
	Manifest No./CSN No	The Manifest number assigned by customs for this port of call after receipt of VCN should be provided.
	Manifest Date/CSN Date	The Manifest Date.
	Vessel Type - Movement (FI/II/RI)	List of Values : FI - Between India and Foreign vice versa ; II - between Indian Ports ; RI - between Indian Ports traversing SL & BL Territorial waters ;
	Departure Manifest No. at the last port of call	Mandatory for Vessel Movement - II
	Departure Manifest Dt. At the last port of call	Mandatory for Vessel Movement - II
Authorized Person	Submitter Type	List of Values : SAM - ASC/ASA ; CSN - ASC/ASA/ANC ;
	Authorized Representative Code (SL or SA Code)	The Authorized person under the entity submitting this Declaration
	Shipping Line Code	The Commercial Code of the Shipping Line for identification - For Non Liners - it can be NONLINER
	Authorized Sea Carrier Code	In case, Submitter is Agent, The code of the Authorized Sea Carrier operating the Vessel on whose behalf, the submission is made should be provided. In case submitter is ASC, same value may be given.
	Master's Name	Free Text : The name of the Master of the Ship.
	Shipping Line Bond Number	The Bond Number is necessary only when Vessel Movement is RI.
	Terminal Operator Code	The 10 Digit code of the Terminal Operator should be provided.
Vessel Details	Mode of Transport	List of Values : 1-Sea,2 = Rail, 3=Truck,4-Air
	Type of Transport Means	List of Values : 10 - IMO Vessel ; 11 - Non IMO Vessel

Object	Field Description	Explanation
	Transport Means Identity	The IMO Number of the Vessel needs to be provided ; Similar identity incase of Non IMO to be provided ; IMO Vessels List is communicated by IPA ; Non IMO Vessels needs to be registered.
	Ship type	List of Values : under CODE_TYPE : SHIP_TYP
	Purpose of Call	The List of Values : See Code list under PURP_CALL code_type
Voyage Details	Voyage No.	Validated from VCN request received from Port
	Conveyance Reference Number	Validated from VCN request received from Port
	Total No. of Transport Equipment Manifested	The Count should be equal to the total count in Voyage Equipment List. In case of Non Containerized cargo, the value would be 1
	Cargo Description, Coded	The List of Values : As per Code_type CAR_DESC; All codes other than 2 & 3 are considered as Non Containerized cargo for Relaxed Reporting Requirements.
	Brief Cargo Description	Free Text
	Total number of Transport Contracts Manifested	it should match with the number of lines manifested in the cargo declaration. (would only include Consolidated BL/Straight BL).
	Expected date and time of arrival	The Same should be provided as per Indian Standard Time
Ship Itinerary	Expected date and time of Departure	The Same should be provided as per Indian Standard Time
	Ship Itinerary Sequence	Last 3 and next 3 ports of call should be provided. The Last of port of call should be -1, -2, -3. Current port of call should be 0 ; Next Port of call should be 1,2,3 respectively
Arrival/Departure Details		To be Submitted on Arrival
MC Reference	Line no.	The Serial number can be given by the submitter.
	Consolidated Indicator	The List of Values : S - Straight BL ; C - consolidated BL ; H - House BL ; In MC_% objects, only S & C is allowed ;
	Previous Declaration	LOV : N,C,Y

Object	Field Description	Explanation
	Consolidator_PAN	The PAN of the Consolidator should be provided; Format would be PAN:<PAN> ; The Indian Entity who is party to this transaction (Actual person, whether or not, he is submitter - For Exports - issuer of the BL ; Imports - Indian Counter party to the Transaction;) (TR - ASC who undertakes to give cargo summary through CSN or Manifest.)
Master Previous Declaration	CIN Type	LOV - MCIN/PCIN
MC Location_Customs	First Port of Entry	SAM - First Port of Arrival of the Cargo where cargo is to be Offloaded ; EX - Port where Customs Clearance is given ; TR - First port of Arrival into India ; CG - First
	Destination Port (Port/ICD/ CFS/ SEZ)//Last Port of Departure	IM - Port of Destination (Custodian Code of CFS/ICD) ; TR - Last port of Departure in India ; EX -Last port where the Goods are intended to be Exported outside India;
	Next Port of Unlading	The Next port where unlading would take place ;
	Type of Cargo (IM,EX,CG,EM)	LOV : IM,EX,CG,TR
	Cargo Movement (Home Clearance, Domestic Transshipment, Foreign Transshipment, Domestic Transit, Foreign Transit)	Validation Matrix
	Nature of Cargo	LOV: Nat_cargo
	Split Indicator	LOV: Y or N
	Number of Packages	Measure of the Total number of Packages carried in this Conveyance
MC Transhipper	Type of Package	The Unit quantity of the packages carried in this conveyance
	Transhipper Code(Authorized Carrier)	The Code of the Transhipper as registered in the Bond - PAN Number of the Entity
	Transhipper Bond	The Bond of the Transhipper
MC Transport Document	Port of Acceptance, Coded	The Port of Loading as indicated in the Transport Document
	Port of Acceptance, name	The Place of Acceptance as indicated in the Transport Document, which may or may not be a port.
	Port of Receipt, coded	The Port of Discharge as indicated in the Transport Document.
	Port of Receipt, name	The Place of Receipt of the cargo by Consignee as indicated in the Transport Document, which may or

Object	Field Description	Explanation
		may not be a port.
	Consignor's Name	The Name of the Consignor as mentioned in the Transport Documents
	Consignor's Code	Mandatory only for EX and CG cargo and Consolidated Indicator is not C; Incase of EX, IEC code should be mentioned. Incase of CG, GSTIN/PAN code should be mentioned.
	Consigner code Type	The Code would be IEC,GSN,GSD,GSG,PAN; IEC - Importer Exporter Code ; PAN - PAN given by Income Tax Dept ; GSN - GSTIN given for normal Taxpayers ; GSD - GSTIN given for Diplomats ; GSG - GSTIN given for Govt. Entities
	<i>Consignor country sub division name</i>	Refers to the State or Province or other sub division in the country. Mandatory for all the Countries except IN as Country code
	<i>Consignor country sub-division code</i>	Mandatory incase of IN as country Code. State Code for IN as in LOV : State_Code
	<i>Consignor country code</i>	The two Digit Country code as described in the ISO 3166 international standard.
	<i>Consignor postcode</i>	Mandatory incase of IN as country Code
	Consignee's Name	The Name of the Consignee as mentioned in the Transport Documents
	Consignee's Code	Mandatory incase of IM,CG IEC number of the consignee should be Mentioned ; If IEC is not available, PAN should be mentioned. Incase of CG, GSTIN/PAN code should be mentioned.
	Type of Code	The Code would be IEC,GSN,GSD,GSG,PAN; IEC - Importer Exporter Code ; PAN - PAN given by Income Tax Dept ; GSN - GSTIN given for normal Taxpayers ; GSD - GSTIN given for Diplomats ; GSG - GSTIN given for Govt. Entities
	<i>Consignee country sub-division name</i>	Refers to the State or Province or other sub division in the country. Mandatory for all the Countries except IN as Country code
	<i>Consignee country sub-division</i>	Mandatory incase of IN as country Code. State Code for IN as in LOV : State_Code
	<i>Consignee country code</i>	The two Digit Country code as described in the ISO 3166 international standard.
	<i>Consignee postcode</i>	Mandatory incase of IN as country Code

Object	Field Description	Explanation
	Name of any other notified party	Mandatory. If not available, Provide the Consignee Name
	PAN of notified party	PAN number of the Notified Party should be mentioned.
	type of Notfied Party Code	LOV: PAN
	<i>Notified Party country sub-division name</i>	Refers to the State or Province or other sub division in the country. Mandatory for all the Countries except IN as Country code
	<i>Notified Party country sub-division</i>	Mandatory incase of IN as country Code. State Code for IN as in LOV : State_Code
	<i>Notified Party country code</i>	The two Digit Country code as described in the ISO 3166 international standard.
	<i>Notified Party postcode</i>	Mandatory incase of IN as country Code
	Goods Description as per B/L	Free Text.
MC Transport Document_msr	Number of packages	Number of individual items packaged in such a way that they cannot be divided without first undoing the packing. Mandatory
	Types of packages	LOV: PKG_CODE ; Mandatory
	Unit of Weight	LOV: KGS,MTS
	Gross Volume	Mandatory when Nature of Cargo is LB (Liquid Bulk)
	Unit of Volume	LOV : LTR, USG
	Currency Code	The three digit alphanumeric code as per ISO:4217 (Eg. INR)
MC Item Details		Mandatory if the Consolidated Flag is not C ;
	Cargo Item Sequence number	The running Serial Number
	HS Code	The 6 Digit HS Code as per Harmonized System of Classification (HSN) by WCO
	UNO Code	UN number assigned by UN Sub Committee on Transport of Dangerous Goods and shown in IMO IMDG (e.g 0012 - Cartridges for Weapons...). ZZZZ should be declared, if not hazardous
	IMDG Code	The Division Code assigned by UN Sub committee. Code List - IMDG_CODE (Eg. 1.4) . ZZZ should be declared if not hazardous.
	Types of packages	LOV: PKG_CODE ; Mandatory if Number of Packages declared
MC Transport Equipment	Equipment Type	The Code List : EQU_TYPE ; Defined as per EDIFACT 8053
	Equipment Size	Mandatory if EQU_TYPE = CN

Object	Field Description	Explanation
	Equipment Load Status	LOV : FCL, LCL, EMP
	SOC Flag (Y/N)	LOV : Y, N
	Container Agent Code	The Code registered for Debit/Credit of Container Bond for this Container
MC itinerary		The Itinerary of list of Exchange points proposed starting from Place of Acceptance to Place of Receipt should be given. Wherever Conveyance carrying the cargo is to be changed, it is should indicated in new sequence.
	Port of Call, coded	Port Code of Departing Place in this leg of itinerary when cargo was loaded in the conveyance, if the exchange happens in a Port codified in UN List.
	Port of call, name	If Exchange happens in a place other that Port codified in UN List, the place in free Text to be given. (Mandatory, if Port of Call is left Blank)
	Next Port of Call, Coded	Port Code of Arrival Place in this leg of itinerary when cargo was offloaded from the conveyance, if the exchange happens in a Port codified in UN List.
	Next Port of Call, name	If Exchange happens in a place other that Port codified in UN List, the place in free Text to be given. (Mandatory, if Port of Call is left Blank)
	Mode of Transport	The Mode of Conveyance; LOV : 1,2,3,4 1=Sea;2-Rail;3-Road;4-Air
Person Details	Person type, coded	LOV : FL, FM, DEE FL - Passenger ; FM - Crew ; DEE - Stowaway As per EDIFACT 3035
	Passenger in transit indicator	LOV : 0,1 1 - Yes ; 0 - No ;
	Crewmember rank or rating, coded	LOV : CRW_RNK
	Person gender, coded	LOV : 0,1,2,9 0 = not known,1 = male,2 = female,9 = not applicable. (ISO/IEC 5218)
Person Identity	Person identity or travel document issuing nation, coded	The two Digit Country Code as per ISO
	Person identity or travel document type, coded	LOV : as per code_list PER_ID
Crew Effect	Crew effect description, coded	LOV : As per Code List GD_ONB
Ship Stores	Ship stores article name, coded	LOV : As per Code_List GD_ONB
Voyage Transport	Equipment Type	The Code List : EQU_TYPE ; Defined as per EDIFACT

Object	Field Description	Explanation
Equipment		8053
	Equipment Size	Mandatory if EQU_TYPE = CN
	Equipment Load Status	LOV : FCL, LCL, EMP
	Equipment Seal Type	LOV : ESEAL, BTSL
	SOC Flag (Y/N)	LOV : Y, N
	Container Agent Code	Mandatory in case of EQU_TYPE : CN The PAN number registered with Customs for Bond given for Re-export of Bond
	Container weight (VGM)	The Verified Gross Weight in KGS

6. Code List

Code Type	Code	Code Name	Code Description
PURP_CALL	1	Cargo operations	Discharging and/or loading of cargo.
PURP_CALL	2	Passenger movement	Embarking and/or disembarking of passengers.
PURP_CALL	3	Taking bunkers	Taking bunker (refueling).
PURP_CALL	4	Changing crew	Changing crew member(s).
PURP_CALL	5	Good will visit	Friendly visit.
PURP_CALL	6	Taking supplies	Taking supplies.
PURP_CALL	7	Repair	To effect repair.
PURP_CALL	8	Laid-up	In active service.
PURP_CALL	9	Awaiting orders	Awaiting job order.
PURP_CALL	10	Miscellaneous	Miscellaneous purpose of call.
PURP_CALL	11	Crew movement	Embarking and/or disembarking of crews.
PURP_CALL	12	Cruise, leisure and recreation	To visit a port for cruise, leisure and recreation.
PURP_CALL	13	Under government order	This is a visit to a port which has been ordered by a government.
PURP_CALL	14	Quarantine inspection	To have a quarantine inspection.
PURP_CALL	15	Refuge	To seek protection against something unpleasant and/or threatening such as bad weather or danger.
PURP_CALL	16	Unloading cargo	Discharging of cargo from the means of transport.
PURP_CALL	17	Loading cargo	Loading of cargo on to the means of transport.
PURP_CALL	18	Repair in dry dock	Vessel to under go repair in a dry dock.
PURP_CALL	19	Repair in wet dock	Repair of a vessel in a dock without removing the surrounding water.
PURP_CALL	20	Cargo tank cleaning	Cargo tanks of the means of transport will be cleaned.
PURP_CALL	21	Means of transport customs clearance	Means of transport will be customs cleared.
PURP_CALL	22	Degassing	Means of transport will be degassed.
PURP_CALL	23	Waste disposal	Means of transport will dispose of her waste.
PER_ID	036	Identity card	
PER_ID	039	Passport	
PER_ID	101	Registration doc.	
PER_ID	483	Visa	
PER_ID	980	Seaman's book	
PER_ID	981	Residence permit	
SHIP_TYP	50	General cargo vessel	Vessel designed to carry general cargo.
SHIP_TYP	501	Grain vessel	Vessel designed to carry grain.

Code Type	Code	Code Name	Code Description
SHIP_TYP	502	Timber/log carrier	Vessel designed to carry logs and timber.
SHIP_TYP	503	Wood chips vessel	Vessel designed to carry woodchips.
SHIP_TYP	504	Steel products vessel	Vessel designed to carry steel products.
SHIP_TYP	505	Carrier, general cargo/container	Vessel designed to carry general cargo and containers.
SHIP_TYP	506	Temperature-controlled cargo vessels	Vessel designed to carry temperature-controlled cargo.
SHIP_TYP	51	Unit carrier	Vessel designed to carry unit loads.
SHIP_TYP	511	Full containership/cellular vessel	Vessel designed to carry containers only.
SHIP_TYP	512	RORO vessel	Vessel with ramp designed to carry roll-on/roll-off cargo.
SHIP_TYP	513	Car carrier	Vessel designed to carry automotive vehicles or their knock-down parts.
SHIP_TYP	514	Live stock carrier	Vessel designed to carry livestock.
SHIP_TYP	515	Barge carrier–Lash ship	Vessel designed to carry barges. Lash means lighters aboard ship.
SHIP_TYP	516	Chemical carrier	Vessel designed to carry chemical sin bulk or drums not in tanks.
SHIP_TYP	517	Irradiated fuel carrier	Vessel designed to carry irradiated fuel.
SHIP_TYP	518	Heavy cargo vessel	Ship designed to carry heavy cargo.
SHIP_TYP	519	RoRo/container vessel	Vessel designed to carry both containers and roll-on/roll-off cargo.
SHIP_TYP	52	Bulk carrier	Vessel designed to carry bulk cargo.
SHIP_TYP	521	Dry bulk carrier	Vessel designed to carry dry bulk(expellers).
SHIP_TYP	522	Ore carrier	Vessel designed to carry ore.
SHIP_TYP	523	Cement carrier	Vessel designed to carry cement.
SHIP_TYP	524	Gravel carrier	Vessel designed to carry gravel.
SHIP_TYP	525	Coal carrier	Vessel designed to carry coal.
SHIP_TYP	53	Tanker	Vessel solely equipped with tanks to carry cargo.
SHIP_TYP	531	Crude oil tanker	Tanker designed to carry crude oil.
SHIP_TYP	532	Chemical tanker, coaster	Tanker designed to carry chemicals in coastal traffic.
SHIP_TYP	533	Chemical tanker, deep sea	Tanker designed to carry chemicals in deep sea.
SHIP_TYP	534	Oil and other derivatives tanker	Tanker designed to carry oil and other derivatives.
SHIP_TYP	54	Liquefied gas tanker	Tanker designed to carry liquefied gas.
SHIP_TYP	541	LPG tanker	Vessel designed to carry Liquefied Petroleum Gas(LPG).
SHIP_TYP	542	LNG tanker	Tanker designed to carry Liquefied Natural Gas(LNG).
SHIP_TYP	543	LNG/LPG tanker	Tanker designed to carry Liquefied Natural Gas(LNG) and Liquefied Petroleum Gas(LPG).

Code Type	Code	Code Name	Code Description
SHIP_TYP	55	Other special tanker	Tanker designed to carry other special liquids.
SHIP_TYP	551	Asphalt/bitumen tanker	Tanker designed to carry asphalt and bitumen.
SHIP_TYP	552	Molasses tanker	Tanker designed to carry molasses.
SHIP_TYP	553	Vegetable oil tanker	Tanker designed to carry vegetable oil.
SHIP_TYP	57	Cargo and passenger vessel	Vessel designed to carry cargo and passengers.
SHIP_TYP	59	Passenger ship	Vessel designed to carry more than 12 passengers.
SHIP_TYP	591	Cruise ship	Passenger ship designed to carry tourists on specified routes.
SHIP_TYP	592	Ferry	Vessel designed to ply regularly between two or more ports.
SHIP_TYP	593	Other passenger ship	Vessel designed to carry passengers, not otherwise specified.
SHIP_TYP	594	Passenger ship, sailing	Vessel designed to carry passengers and mainly propelled by sails.
SHIP_TYP	60	Assistance vessel	Vessel designed to give assistance.
SHIP_TYP	601	Tug, without tow	Vessel designed to tow objects but sailing alone.
SHIP_TYP	602	Tug, with tow	Vessel designed to tow, and towing an object.
SHIP_TYP	603	Salvage vessel	Vessel designed to salvage.
SHIP_TYP	604	Rescue vessel	Vessel designed to effect rescue operations.
SHIP_TYP	605	Oil combat vessel	Vessel designed to combat oil spills.
SHIP_TYP	606	Oilrig	Object designed for drilling oil at sea.
SHIP_TYP	607	Hospital vessel	Vessel designed to serve as a hospital at sea.
SHIP_TYP	70	Other sea-going vessel	Sea-going vessel, not otherwise specified.
SHIP_TYP	711	Pilot boat	Vessel designed to convey pilots to/from ships.
SHIP_TYP	712	Patrol/measure ship	Vessel designed to guard, patrol or measure.
SHIP_TYP	72	Work ship	Vessel designed to assist in work.
SHIP_TYP	721	Supply vessel	Vessel designed to provide supplies.
SHIP_TYP	723	Offshore support vessel	Vessel designed to provide off shore support.
SHIP_TYP	724	Pontoon	Flat-bottomed vessel with a flat deck.
SHIP_TYP	725	Stone dumping vessel	Vessel designed to dump stones.
SHIP_TYP	726	Cable layer	Vessel designed to lay cable.
SHIP_TYP	727	Buoyage vessel	Vessel designed to handle buoys.
SHIP_TYP	728	Icebreaker	Vessel designed to break ice.
SHIP_TYP	729	Pipe laying vessel	Vessel designed to lay pipe.
SHIP_TYP	73	Push boat	Vessel designed to push other vessels.
SHIP_TYP	74	Dredger	Vessel designed to scoop or suck mud or sand.
SHIP_TYP	75	Fishing boat	Vessel designed for fishing.
SHIP_TYP	751	Trawler	Vessel designed to drag a bag-like net.
SHIP_TYP	752	Cutter	Small vessel that sometimes can be carried on a larger ship.

Code Type	Code	Code Name	Code Description
SHIP_TYP	753	Factory ship	Vessel designed as a fish factory.
SHIP_TYP	76	Research and education ship	Vessel designed for research and education.
SHIP_TYP	761	Fishery research vessel	Vessel designed for fishery research.
SHIP_TYP	762	Climate registration vessel	Vessel designed for climate registration.
SHIP_TYP	763	Ship for environmental measurement	Vessel designed for environmental monitoring and measurement.
SHIP_TYP	764	Scientific vessel	Vessel designed for scientific purposes.
SHIP_TYP	765	Sailing school ship	Vessel designed for training, powered by sail.
SHIP_TYP	76	Training vessel	Vessel designed for training.
SHIP_TYP	77	Navy vessel	Vessel operated by a navy.
SHIP_TYP	78	Structure, floating	Any floating structure.
SHIP_TYP	781	Crane, floating	A crane mounted on a barge or pontoon.
SHIP_TYP	782	Dock, floating	A submersible floating structure used as a dock.
SHIP_TYP	80	Pleasure boat	Vessel designed for recreation.
SHIP_TYP	81	Speedboat	Vessel designed for speed, often used for recreation.
SHIP_TYP	82	Sailing boat with auxiliary motor	Vessel designed primarily for sailing, out fitted with an auxiliary motor.
SHIP_TYP	83	Sailing yacht	A specific type of vessel mostly used for pleasure and designed for sailing.
SHIP_TYP	84	Boat for sport fishing	Vessel designed for sport fishing.
SHIP_TYP	85	Craft, pleasure, longer than 20 metres	Vessel longer than 20 metres, designed for recreation.
SHIP_TYP	89	Craft, other, recreational	Vessel designed for recreation, not otherwise specified.
SHIP_TYP	90	Fast ship	Fast, all-purpose vessel.
SHIP_TYP	91	Hydrofoil	Vessel with wing-like structure for skimming at high speed.
SHIP_TYP	92	Catamaran, fast	Fast vessel designed with two parallel hulls.
CAR_DESC	0	No cargo unit (liquid bulk goods)	
CAR_DESC	1	No cargo unit (solid bulk goods)	
CAR_DESC	2	Large freight containers	
CAR_DESC	3	Other freight containers	
CAR_DESC	4	Palletized	
CAR_DESC	5	Pre-slung	
CAR_DESC	6	Mobile self-propelled units	
CAR_DESC	7	Other mobile units	

Code Type	Code	Code Name	Code Description
CAR_DESC	8	(Reserved)	
CAR_DESC	9	Other cargo types	
IMDG_CD	1	Class1: Explosives	Class1: Explosives
IMDG_CD	1.1	Mass explosion hazard	Division1.1: Substances and articles which have a mass explosion hazard
IMDG_CD	1.2	Projection hazard but not a mass explosion hazard	Division1.2: Substances and articles which have a projection hazard but not a mass explosion hazard
IMDG_CD	1.3	Fire hazard and either a minor Hazard	Division1.3: Substances and articles which have a fire hazard and either a minor blast hazard or a minor projection hazard, or both, but not a mass explosion hazard
IMDG_CD	1.4	No significant hazard	Division1.4: Substances and articles which present no significant hazard
IMDG_CD	1.5	Very insensitive substances which have a mass explosion hazard	Division1.5: Very insensitive substances which have a mass explosion hazard
IMDG_CD	1.6	Extremely insensitive articles	Division1.6: Extremely insensitive articles which do not have a mass explosion hazard
IMDG_CD	2	Class2: Gases	Class2: Gases
IMDG_CD	2.1	Division2.1: Flammable gases	Division2.1: Flammable gases
IMDG_CD	2.2	Division2.2: Non-flammable, non-toxic gases	Division2.2: Non-flammable, non-toxic gases
IMDG_CD	2.3	Division2.3: Toxic gases	Division2.3: Toxic gases
IMDG_CD	3	Class3: Flammable liquids	Class3: Flammable liquids
IMDG_CD	4	Class4: Flammable solids	Class4: Flammable solids, substances liable to spontaneous combustion, substances which, in contact with water, emit flammable gases
IMDG_CD	4.1	Division4.1: Flammable solids, self-reactive substances and desensitized explosives	Division4.1: Flammable solids, self-reactive substances and desensitized explosives
IMDG_CD	4.2	Division4.2: Substances liable to spontaneous combustion	Division4.2: Substances liable to spontaneous combustion
IMDG_CD	4.3	Division4.3: Substances which, in contact with	Division4.3: Substances which, in contact with water, emit flammable gases

Code Type	Code	Code Name	Code Description
		water, emit flammable gases	
IMDG_CD	5	Class5: Oxidizing substances and organic per oxides	Class5: Oxidizing substances and organic per oxides
IMDG_CD	5.1	Division5.1: Oxidizing substances	Division5.1: Oxidizing substances
IMDG_CD	5.2	Division5.2: Organic per oxides	Division5.2: Organic per oxides
IMDG_CD	6	Class6: Toxic and infectious substances	Class6: Toxic and infectious substances
IMDG_CD	6.1	Division6.1: Toxic substances	Division6.1: Toxic substances
IMDG_CD	6.2	Division6.2: Infectious substances	Division6.2: Infectious substances
IMDG_CD	7	Class7: Radioactive material	Class7: Radioactive material
IMDG_CD	8	Class8: Corrosive substances	Class8: Corrosive substances
IMDG_CD	9	Class9: Miscellaneous dangerous substances and articles	Class9: Miscellaneous dangerous substances and articles
PER_TR_IND	0	Person will not leave the vessel	
PER_TR_IND	1	Person will leave or has left the vessel but intends to return on board again before departure of the vessel	
PER_TR_IND	2	Person has left the vessel but is on board again	
CRW_RNK	ABLESEAM	Able Seaman	
CRW_RNK	AGENT	Agent	
CRW_RNK	ASSTFOOD	Assistant Food and Beverage Manager	
CRW_RNK	BARMAN	Bar Manager	
CRW_RNK	BARSERV	Bar Service	
CRW_RNK	BOSUN	Bo sun	
CRW_RNK	CADET	Cadet	
CRW_RNK	CAPTAIN	Captain	
CRW_RNK	CARGOTEC	Cargo Technician	
CRW_RNK	CASINOST	Casino Staff	

Code Type	Code	Code Name	Code Description
CRW_RNK	CHIEFCOO	Chief Cook	
CRW_RNK	CHIEFELE	Chief Electrician	
CRW_RNK	CHIEFHOU	Chief House keeper	
CRW_RNK	CHIEFENG	Chief Engineer	
CRW_RNK	CHIEFMAS	Chief Master	
CRW_RNK	CHIEFMAT	Chief Mate	
CRW_RNK	CHIEFOFF	Chief Officer	
CRW_RNK	CHIEFPUR	Chief Purser	
CRW_RNK	CHIEFSTE	Chief Steward	
CRW_RNK	CLASSSUR	Class Surveyor	
CRW_RNK	CSO	Company Security Officer	
CRW_RNK	COOK	Cook	
CRW_RNK	CRANEOPE	Crane Operator	
CRW_RNK	CREWMEMB	Crew Member	
CRW_RNK	CRUISEDI	Cruise Director	
CRW_RNK	CRUISEST	Cruise Staff	
CRW_RNK	DECKAPPR	Deck Apprentice	
CRW_RNK	DECKFITT	Deck Fitter	
CRW_RNK	DECKOFFI	Deck Officer	
CRW_RNK	DECKHAND	Deck hand, Deck Crew	
CRW_RNK	DOCTOR	Doctor	
CRW_RNK	DONKEYMA	Donkey man	
CRW_RNK	ELECENGI	Electrical Engineer	
CRW_RNK	ELECOFFI	Electrical Officer	
CRW_RNK	ELECTRIC	Electrician	
CRW_RNK	ENGCADET	Engine Cadet, Engine Apprentice	
CRW_RNK	ENGCREW	Engineering Crew, Engine Crew	
CRW_RNK	ENGINEFI	Engine Fitter	
CRW_RNK	ENTERTAI	Entertainment	
CRW_RNK	FACCREW	Facilities Crew	
CRW_RNK	FACMANAG	Facilities Manager	
CRW_RNK	FIRSTASS	First Assistant Engineer	
CRW_RNK	FIRSTENG	First Engineer	
CRW_RNK	FIRSTMAT	First Mate	
CRW_RNK	FIRSTOFF	First Officer	
CRW_RNK	FITTER	Fitter	
CRW_RNK	FOURTHOF	Fourth Officer	
CRW_RNK	FOODBEVM	Food and Beverage Manager, Catering Officer	

Code Type	Code	Code Name	Code Description
CRW_RNK	FOODSERV	Food Service, Catering Crew	
CRW_RNK	FOURTHAS	Fourth Assistant Engineer, Fourth Engineer	
CRW_RNK	GREASER	Greaser	
CRW_RNK	HOSPITAL	Hospitality	
CRW_RNK	HOTELDIR	Hotel Director	
CRW_RNK	HOTELSTA	Hotel Staff	
CRW_RNK	HOUSEKEE	Housekeeping Staff	
CRW_RNK	INFORMAT	Information Technology	
CRW_RNK	JUNIOREN	Junior Engineer	
CRW_RNK	LAUNDRY M	Laundry Master	
CRW_RNK	LIFEBOAT	Lifeboat man	
CRW_RNK	MAITRED	Maître	
CRW_RNK	MARINECR	Marine Crew	
CRW_RNK	MARKETIN	Marketing Revenue Manager	
CRW_RNK	MASTER	Master	
CRW_RNK	MASTERFI	Master First Class Pilot	
CRW_RNK	MATEFIRS	Mate First Class Pilot	
CRW_RNK	MECHANIC	Mechanic	
CRW_RNK	MEDICALS	Medical Staff	
CRW_RNK	MESSMAN	Mess man	
CRW_RNK	MOTORMA N	Motor man	
CRW_RNK	OILER	Oiler	
CRW_RNK	OPERATOR	Operator	
CRW_RNK	ORDINAIR	Ordinary Seaman	
CRW_RNK	OWNERNL	Owner in NL	
CRW_RNK	PAINTER	Painter	
CRW_RNK	PORTER	Porter	
CRW_RNK	PROVISIO	Provision	
CRW_RNK	PROVMAST	Provision Master	
CRW_RNK	PUMPMAN	Pump man, Pump Man	
CRW_RNK	QMED	QMED	
CRW_RNK	RADIOOFF	Radio Officer	
CRW_RNK	REEFERMA	Reefer man	
CRW_RNK	REPAIRMA	Repair Man	
CRW_RNK	RIDDINGC	Ridding Crew	
CRW_RNK	SAFETYAN	Safety and Security	
CRW_RNK	SECONDAS	Second Assistant Engineer, Second Engineer	
CRW_RNK	SECONDM A	Second Mate	

Code Type	Code	Code Name	Code Description
CRW_RNK	SECONDOF	Second Officer	
CRW_RNK	SSO	Ship Security Officer	
CRW_RNK	STAFFCAP	Staff Captain	
CRW_RNK	STEWARD	Steward	
CRW_RNK	SUPERINT	Superintendent	
CRW_RNK	TANKERM A	Tanker man	
CRW_RNK	THIRDASS	Third Assistant Engineer, Third Engineer	
CRW_RNK	THIRDMAT	Third Mate	
CRW_RNK	THIRDOFF	Third Officer	
CRW_RNK	THIRDPAR	Third Party	
CRW_RNK	TRUCKMEC	Truck Mechanic	
CRW_RNK	TUNNELM A	Tunnel man	
CRW_RNK	UTILITYP	Utility Person	
CRW_RNK	VETTINGI	Vetting inspector	
CRW_RNK	WELDER	Welder	
CRW_RNK	WIPER	Wiper	
CRW_RNK	YARDPERS	Yard Personnel	
CRW_RNK	OTHER	Other	
CRW_RNK	SUPERNU M	Supernumerary	
GD_ONB	001	Alcoholic spirits	
GD_ONB	002	Other alcoholic goods	
GD_ONB	003	Wine	
GD_ONB	004	Cigarettes	
GD_ONB	005	Cigars	
GD_ONB	006	Tobacco	
GD_ONB	007	Fuels	
GD_ONB	008	Lubricants	
GD_ONB	009	Drugs	
GD_ONB	010	Flesh and flesh products	
GD_ONB	011	Firearms	
GD_ONB	012	Ammunition	
GD_ONB	099	Miscellaneous	
Ent_type	ASC	Authorized Sea Carrier	
Ent_type	ASA	Authorized Shipping Agent	
Ent_type	ATP	Authorized Transhipper	
Ent_type	ATO	Authorized Terminal Operator	
Ent_type	AES	Authorized Exporter for Eseal	
En_AO_type	CT	Authorized Custodian- Terminal	

Code Type	Code	Code Name	Code Description
En_AO_type	CI	Authorized Custodian-ICD	
En_AO_type	CC	Authorized Custodian-CFS	
En_AO_type	SL	Shipping Line	
En_AO_type	SA	Shipping/Steamer Agent	
En_AO_type	IEB	Exporter Branch	
Edu_ql_lvl	A	Pre-Primary Level	
Edu_ql_lvl	B	Primary Level	
Edu_ql_lvl	C	Upper Primary Level	
Edu_ql_lvl	D	Secondary Level	
Edu_ql_lvl	E	Senior Secondary Level	
Edu_ql_lvl	F	Under Graduate	
Edu_ql_lvl	G	Post Graduate Level	
Edu_ql_lvl	H	M.Phil. Level	
Edu_ql_lvl	I	Ph.D. Level	
Edu_ql_lvl	J	Diploma	
Edu_ql_lvl	L	Integrated	
Edu_ql_lvl	M	Certificate	
Edu_ql_lvl	N	In-service Training	
Edu_ql_lvl	O	Adult Education	
Edu_ql_lvl	X	Education Not else where classified	
Equ_Status	001	Arrival, completed	
Equ_Status	3	Arrival, in defective condition	
Equ_Status	15	Consolidated	
Equ_Status	16	Crossed border	
Equ_Status	18	Damaged in the course of transportation	
Equ_Status	35	Forwarded to destination	
Equ_Status	208	Seals, replaced	
Equ_Status	218	Damaged	
Equ_Status	238	Means of transport, damaged	
Equ_Status	309	Packaging/equipment opened	
Equ_Status	335	Seals, damaged	
Equ_Status	336	Seals, broken	
Equ_Status	337	Seals, tampered	
Equ_Status	127	Departed, complete dona means of transport	
Equ_Status	94	Stuffed and sealed	
Equ_Status	71	Ready for transportation	
Nat_cargo	C	Containerized	
Nat_cargo	P	Packaged	

Code Type	Code	Code Name	Code Description
Nat_cargo	CP	Part of Consignment is containerized, remaining are packaged but not containerized	
Nat_cargo	LB	Liquid Bulk	
Nat_cargo	DB	Dry Bulk	
State_code	01	JAMMU&KASHMIR	
State_code	02	HIMACHALPRADESH	
State_code	03	PUNJAB	
State_code	04	CHANDIGARH	
State_code	05	UTTARANCHAL	
State_code	06	HARYANA	
State_code	07	DELHI	
State_code	08	RAJASTHAN	
State_code	09	UTTARPRADESH	
State_code	10	BIHAR	
State_code	11	SIKKIM	
State_code	12	ARUNACHALPRADESH	
State_code	13	NAGALAND	
State_code	14	MANIPUR	
State_code	15	MIZORAM	
State_code	16	TRIPURA	
State_code	17	MEGHALAYA	
State_code	18	ASSAM	
State_code	19	WESTBENGAL	
State_code	20	JHARKHAND	
State_code	21	ORISSA	
State_code	22	CHATTISGARH	
State_code	23	MADHYAPRADESH	
State_code	24	GUJARAT	
State_code	25	DAMAN&DIU	
State_code	26	DADRA&NAGARHAVELI	
State_code	27	MAHARASHTRA	
State_code	29	KARNATAKA	
State_code	30	GOA	
State_code	31	LAKSHADWEEP	
State_code	32	KERALA	
State_code	33	TAMILNADU	
State_code	34	PONDICHERRY	
State_code	35	ANDAMAN&NICOBAR	

Code Type	Code	Code Name	Code Description
State_code	36	TELANGANA	
PKG_CODE	PKG	Packages	
PKG_CODE	KGS	Kilograms	
PKG_CODE	MTS	Metric Ton	
PKG_CODE	LTR	Liters	
PKG_CODE	USG	US Gallons	
EQU_Type	BB	Breakbulk	Cargoes in bulk not stuffed in equipment.
EQU_Type	BL	Blocks	A piece of equipment that is normally a piece of wood to fix cargo (e.g. coils) during transport.
EQU_Type	CH	Chassis	A wheeled carriage onto which an ocean container is mounted for inland conveyance.
EQU_Type	CN	Container	Equipment item as defined by ISO for transport.
EQU_Type	DPL	Onboard Equipment	Equipment permanently onboard a means of transport.
EQU_Type	TE	Trailer	A vehicle without motive power, designed for the carriage of cargo and to be towed by a motor vehicle.
EQU_Type	B	Bonded truck	Bonded truck
EQU_Type	W	wagon	wagon

7. Error Code List

Error Codes	Description
'000'	Success
'001'	Duplicate Records
'002'	No Attribute Exists for Mandatory Object'
'003'	Invalid Message Type'
'004'	Invalid Reporting Events'
'005'	Reporting Port Not Match with Submission Port'
'006'	Mandatory Field Contains Null Value'
'007'	Invalid Vessel Movement Type'
'008'	Invalid Entity Type'
'009'	Invalid Entity Code'
'010'	Invalid Authorized Person Code'
'011'	Invalid Shipping Line Code'
'012'	Invalid Carrier Code'
'013'	Invalid Terminal Operator Code'
'014'	Invalid Mode of Transport'
'014'	Invalid Mode of Transport'
'015'	Invalid Transport Means'
'016'	Invalid Transport Means Identity'
'017'	Invalid Vessel Code'
'018'	Invalid Purpose of Call'
'019'	Invalid Voyage Number'
'020'	Invalid Voyage Call Number'
'021'	Invalid Goods Description Code'
'022'	Invalid Expected Time of Arrival'
'023'	Invalid Expected Time of Departure'
'024'	Invalid Rotation/Voyage Call Number'
'025'	Invalid Departure Rotation Number'
'026'	Problem in The Data'

Error Codes	Description
'027'	Invalid Ship Itinerary Sequence'
'028'	Invalid Port of Call Code/Name'
'029'	Invalid Port of Next Call Code/Name
'030'	Invalid Type of Packet'
'031'	Invalid HS Code'
'032'	Invalid UNO Code'
'033'	Invalid IMDG Code'
'034'	Invalid UCR Type'
'035'	Invalid UCR Code'
'036'	Invalid Transhipper Code'
'037'	Invalid Acceptance Port Code'
'038'	Invalid Receipt Port Code'
'039'	Invalid Consignor Code Type'
'040'	Invalid Consignor Code'
'041'	Invalid Buyer Code Type'
'042'	Invalid Buyer Code'
'043'	Invalid Consignor Country Code'
'044'	Invalid Buyer Country Code'
'045'	Invalid Notified Party Code Type'
'046'	Invalid Buyer Country Code'
'047'	Invalid Packet Type'
'048'	Invalid Unit of Weight'
'049'	Invalid Unit of Volume'
'050'	Invalid Currency Code'
'051'	Total Packets Can Not Be -Ve'
'052'	Gross Weight Can Not Be -Ve'
'053'	Net Weight Can Not Be -Ve'
'054'	Gross Volume Can Not Be -Ve'
'055'	Invoice Value Can Not Be -Ve'
'056'	Invalid MC Consolidated Value'

Error Codes	Description
'057'	Invalid MC Previous Declaration Value'
'058'	Invalid First Port Code'
'059'	First Port is Not Same as Port of Reporting'
'060'	Invalid Destination Port Code'
'061'	Invalid Next Port Code'
'062'	Invalid Cargo Type'
'063'	Invalid Item Type'
'064'	Invalid Cargo Movement Type'
'065'	Invalid Packet Type'
'066'	Total Packet Can Not Be -Ve'
'067'	Invalid Nature of Cargo'
'068'	Invalid Split Cargo Value'
'069'	Invalid Equipment Serial Number'
'070'	Invalid Equipment Type'
'071'	Invalid Equipment Identification'
'072'	Invalid Equipment Size'
'073'	Invalid Load Status'
'074'	Invalid Additional Hold'
'075'	Invalid Seal Type'
'076'	Invalid SOC Flag'
'077'	Invalid Status'
'078'	Total Packet Can Not Be -Ve in Equipment'
'079'	Weight Can Not Be -Ve in Equipment'
'080'	Invalid Stowage Position'
'081'	Invalid Event Date'
'082'	Invalid Agent Code'
'083'	Invalid Destination Code'
'084'	Invalid Seal Number'
'085'	Wrong Total Equipment For Non-Containerized Cargo'
'086'	Invalid Total Number of Lines'

Error Codes	Description
'087'	Invalid Total Number of Passenger'
'088'	Invalid Total Number of Crew Member'
'089'	Total Equipment in Vessel Less than Cargo Equipment'
'090'	Total Lines in Vessel Not Match with Cargo Lines'
'091'	Port of Call Can Not Be Same as Next Port of Call'
'092'	Invalid Consolidator PAN'
'093'	Incorrect Reporting Event'
'094'	Master Name is Blank'
'095'	Bond Number is Blank'
'096'	Invalid Ship Type'
'097'	Cargo Description is Null'
'098'	Itinerary Sequence Should be 0 for Reporting Port'
'099'	Invalid CIN Type'
'100'	Invalid Shipping Line Bond Number'
'101'	Incorrect Origin/Destination Port For FI'
'102'	Incorrect Origin/Destination Port For II'
'103'	Duplicate Ship itinerary Sequence in Voyage'
'104'	Incorrect MC itinerary Sequence' -----> To be added
'105'	Incorrect HC itinerary Sequence' -----> To be added
'106'	Incorrect Nationality of Ship'
'107'	Incorrect Port of Registry'
'108'	Incorrect Registry Number/Date'
'109'	Incorrect Gross Tonnage'
'110'	Incorrect Net Tonnage'
'111'	Invalid Notified Party PAN'
'112'	Notified Party Name is Null'
'113'	Cargo Details Missing for Consolidated = S'
'114'	Cargo Reference Missing'
'115'	Invalid MC Cargo Type + Cargo Mvmt + Consolidated + Prev Decl Combination'
'116'	Invalid HC Consolidated Value'

Error Codes	Description
'117'	Invalid HC Previous Declaration Value'
'118'	Invalid HC Cargo Type + Cargo Mvmt + Consolidated + Prev Decl Combination'
'119'	Mandatory MC-Object/Attribute Missing'
'120'	Mandatory HC-Object/Attribute Missing'
'121'	Missing Cargo Reference Information'
'122'	MC-MBL Details Already Exists'
'123'	HC-HBL Details Already Exists'
'124'	CIN_TYPE+CIN_NO Already Exists'
#NAME?	equied '125' -> 'PCIN Already Exists'
'126'	Invalid Cargo Type and Cargo Movement Combination'
'127'	Total Pckt > 0 for Empty Container'
'128'	Weight > 0 for Empty Container'
'129'	Invalid Accept Port Name'
'130'	Invalid Receipt Port Name'
'131'	Consignor Name is Null'
'132'	Consignor Post Code is Null'
'133'	Consignor Country Sub Division Name is Null'
'134'	Invalid Consignor Country Sub Division Code'
'135'	Consignee Name is Null'
'136'	Invalid Consignee Code Type'
'137'	Consignee Post Code is Null'
'138'	Consignee Country Sub Division Name is Null'
'139'	Invalid Consignee Country Sub Division Code'
'140'	Notified Party Name is Null'
'141'	Notified Party Post Code is Null'
'142'	Invalid Notified Party Country Sub Division Name'
'143'	Invalid Notified Party Country Sub Division Code'
'144'	Invalid Notified Party PAN'
'145'	Goods Description is NULL'
'146'	Duplicate Equipment in line + sline'

Error Codes	Description
'147'	Invalid Transhipper Bond Number'
'148'	Incorrect Cin_Type + Cin_No in MC'
'149'	Incorrect Cin_Type + Cin_No in HC'
'150'	Incorrect Consolidated PAN for Given Consolidated Field'
'151'	Incorrect Csn_No + Csn_Dt in MC For Given Prev_Decln Field'
'152'	Incorrect Csn_No + Csn_Dt in HC For Given Prev_Decln Field'
'153'	Duplicate Equipment Id in Equipment Details in Voyage'
'154'	Duplicate IRN No in Supporting Document in Voyage'
'155'	Duplicate Call Number in Cargo Itinerary'
'156'	Duplicate Equipment Id in Cargo Equipment'
'157'	Duplicate HS Code in Cargo Items'
'158'	Duplicate IRN No in Cargo Supporting Documentr'

8. Field Table:

	Field Description	SAM	SAA	SDM	SEI	SDA	SDN	ACK
	Header(headerField)	M	M	M	M	M	M	
	Sender ID("senderID")	M	M	M	M	M	M	
	Receiver ID ("receiverID")	M	M	M	M	M	M	
	Version No. ("versionNo")	M	M	M	M	M	M	
	Indicator ("indicator")	M	M	M	M	M	M	
	Message ID (messageID)	M	M	M	M	M	M	
	Sequence No. ("sequenceOrControlNumber")	M	M	M	M	M	M	
	Job Date ("date")	M	M	M	M	M	M	
	Job Time ("time")	M	M	M	M	M	M	
	Reporting Event ("rptngEvent")	M	M	M	M	M	M	
	Master	M	M	M	M	M	M	
	Declaration Reference ("decRef")	M	M	M	M	M	M	M
	Message Type ("msgTyp",)	M	M	M	M	M	M	M
	Port of Reporting ("prtOfRptng",)	M	M	M	M	M	M	M
	Job Number ("jobNo",)	M	M	M	M	M	M	M
	Job Date ("jobDt",)	M	M	M	M	M	M	M
	Reporting Event ("rptngEvent")	M	M	M	M	M	M	M
	Manifest Rotation No. ("mnfstNoRotnNo")	M	M	M	M	M	M	M
	Manifest Rotation Date ("mnfstDtRotnDt")	M	M	M	M	M	M	M
	Vessel Movement Type ("vesselTypMvmt")	O	O	O	O	O	O	M
	Departure Manifest Number ("dptrMnfstNo")	O	O	O	O	O	O	O
	Departure Manifest Date ("dptrMnfstDt")	O	O	O	O	O	O	O
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O
	Authorized Person ("authPrsn":)	M	M	M	M	M	M	O
	Submitter Type ("sbmtrTyp",)	M	M	M	M	M	M	X
	Submitter Code ("sbmtrCd",)	M	M	M	M	M	M	X
	Authorized Representative Code ("authReprsntvCd")	M	M	M	M	M	M	X
	Shipping Line Code ("shpngLineCd")	M	O	M	X	O	X	X
	Authorized Sea Carrier Code ("authSeaCarrierCd")	M	O	M	M	O	M	X
	Master Name ("masterName")	M	O	M	O	O	X	X
	Terminal Operator Code ("trmnlOprtrCd")	M	O	M	M	O	M	X
	Shipping Line Bond No. ("shpngLineBondNmbr")	O	O	O	X	O	X	X
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O
	Vessel Details ("vesselDtls")	M	O	M	M	O	M	O
	Mode of Transport ("modeOfTrnsprt")	M	O	M	M	O	M	X

		Field Description	SAM	SAA	SDM	SEI	SDA	SDN	ACK
		Type of Transport Means ("typOfTrnsprtMeans")	M	O	M	M	O	M	X
		Transport Means Identity ("trnsprtMeansId")	M	O	M	M	O	M	X
		Purpose of Call ("purposeOfCall")	M	O	M	X	O	X	X
		Vessel Code ("vesselCd ")	X	O	X	X	O	X	X
		Ship Type ("shipTyp")	O	O	O	O	O	O	X
		Nationality of Ship ("natnltyOfShip:	X	O	X	X	O	X	X
		Port of Registry ("prtOfRegistry")	X	O	X	X	O	X	X
		Registry Date ("registryDt")	X	O	X	X	O	X	X
		Registry Number ("registryNmbr")	X	O	X	X	O	X	X
		Gross tonnage ("grossTonnage")	X	O	X	X	O	X	X
		Net Tonnage ("netTonnage")	X	O	X	X	O	X	X
		Error Codes	X	X	X	X	X	X	M
		Amend_det	X	X	X	X	X	X	O
		Voyage Details ("voyageDtls")	M	O	M	X	O	X	O
		Conveyance Reference Number ("cnvnceRefNmbr")	M	O	M		O		X
		Total No. of Transport Equipment Manifested ("totalNoOfTrnsprtEqmtMnfsted")	M	O	M		O		X
		Total number of Transport Contracts Manifested ("totalNmbrOfLines")	M	O	M		O		X
		Voyage Number ("voyageNo")	M	O	M		O		X
		Cargo Description ("crgoDescCdd")	M	O	M		O		X
		Brief Cargo Description ("briefCrgoDesc")	M	O	M		O		X
		Expected Date & Time of Arrival ("exptdDtAndTimeOfArvl")	M	O	X		O		X
		Expected Date & Time of Departure ("exptdDtAndTimeOfDptr")	X	O	M		O		X
		Number of Passengers Manifested ("nmbrOfPsngrsMnfsted")	M	O	M		O		X
		Number of Crew Manifested ("nmbrOfCrewMnfsted")	M	O	M		O	X	X
		Error Codes	X	X	X		X	X	M
		Amend_det	X	X	X		X	X	O
		Ship Itinerary ("shipltnry")	M	O	M	X	O	X	O
		Ship Itinerary sequence ("shipltnrySeq")	M	M	M		M	X	M
		Port of call Coded ("prtOfCallCdd")	M	O	M		O	X	
		Port of call Name ("prtOfCallName")	O	O	O		O	X	
		Error Codes	X	X	X		X	X	M
		Amend_det	X	X	X		X	X	O
		Arrival / Departure Details ("arvIDtls")	X	O	X	M	O	M	O
		Number of Passengers on Call ("nmbrOfPsngrs")	X	O	X	M	O	M	X

		Field Description	SAM	SAA	SDM	SEI	SDA	SDN	ACK
		Number of crew on Call ("nmbrOfCrew")	X	O	X	M	O	M	X
		Total No. of containers Landed ("totalNoOfCntrsLanded")	X	X	X	X	X	M	X
		Total No. of Containers Loaded ("totalNoOfCntrsLoaded")	X	X	X	X	X	M	X
		Total no. of persons on board ("totalNmbrOfPrsnsOnBoard")	X	O	X	M	O	M	X
		Total no. of transport equipment reported on Arrival/Departure ("totalNoOfTrnsprtEqmtRprtdOnArvlDptr")	X	O	X	M	O	M	X
		Total no. of transport contracts reported on Arrival/Departure ("totalNmbrOfTrnsprtContractsRprtdOnArvlDptr")	X	O	X	M	O	M	X
		Error Codes	X	X	X	X	X	X	M
		Amend_det	X	X	X	X	X	X	O
		Master Consignment Declaration	M	O	M	X	O	X	
		MC Reference ("MCRef")	M	O	M	X	O	X	M
		Line No ("lineNo")	M	M	M		M		K
		Master BL No ("mstrBINO")	M	M	M		M		M
		Master BL Date ("mstrBIDt")	M	M	M		M		M
		Consolidated Indicator ("consolidatedIndctr")	M	M	M		M		M
		Previous Declaration ("prevDec")	M	M	M		M		M
		Consolidator_PAN ("consolidatorPan")	M	M	M		M		M
		Error Codes	X	X	X	X	X	X	M
		Amend_det	X	X	X	X	X	X	O
		Master Previous Declaration ("prevRef")	O	O	O	X	O	X	O
		CIN Type ("cinTyp")	O	O	O		O		M
		MCIN ("mcinPcin")	O	O	O		O		M
		CSN Submitted Type ("csnSbmtTyp")	O	O	O		O		X
		CSN Submitted by ("csnSbmtBy")	O	O	O		O		X
		CSN Reporting Type ("csnRptngTyp")	O	O	O		O		X
		CSN Site ID ("csnSiteld")	O	O	O		O		X
		CSN Number ("csnNmbr":)	O	O	O		O		X
		CSN Date ("csnDt")	O	O	O		O		X
		Previous MCIN ("prevMcin")	X	X	X		X		X
		Number of Packages ("nmbrOfPkgs")	O	O	O		O		X
		Split Indicator ("splitIndctr")	O	O	O		O		X
		Type of Package ("typOfPackage")	O	O	O		O		X
		Error Codes	X	X	X	X	X	X	M
		Amend_det	X	X	X	X	X	X	O
		MC Location Customs ("locCstm")	M	O	M	X	O	X	O

				Field Description	SAM	SAA	SDM	SEI	SDA	SDN	ACK
				First Port of Entry/Last Port of Departure ("firstPrtOfEntry")	M	M	M		M		X
				Destination Port ("destPrt")	M	M	M		M		X
				Next Port of Unlading ("nxtPrtOfUnlading")	M	M	M		M		X
				Type of Cargo ("typOfCrgo")	M	M	M		M		X
				Item Type ("itemTyp")	M	M	M		M		X
				Cargo Movement ("crgoMvmt")	M	M	M		M		X
				Naure of Cargo ("natrOfCrgo")	M	M	M		M		X
				Number of Packages ("nmbrOfPkgs")	X	X	X		X		X
				Type of Package ("typOfPackage")	X	X	X		X		X
				Split Indicator ("splitIndctr")	X	X	X		X		X
				Error Codes	X	X	X	X	X	X	M
				Amend_det	X	X	X	X	X	X	O
				MC Transshipper ("trnshpr")	O	O	O	X	O	X	O
				Transhipper Code ("trnshprCd")	M	M	M		M		X
				Transhipper Bond ("trnshprBond")	M	M	M		M		X
				Error Codes	X	X	X	X	X	X	M
				Amend_det	X	X	X	X	X	X	O
				MC Transport Document ("trnsprtDoc")	O	O	O	X	O	X	O
				Port of Acceptance, Coded ("prtOfAcptCdd")	M	M	M		M		X
				Port of Acceptance Name ("prtOfAcptName")	O	O	O		O		X
				Port of Receipt, coded ("prtOfReceiptCdd")	M	M	M		M		X
				Port of Receipt Name ("prtOfReceiptName")	O	O	O		O		X
				Consignor's Name ("cnsgrsName")	M	M	M		M		X
				Consignor's Code ("cnsgrsCd")	O	O	O		O		X
				Beneficial owner Code Type ("cnsgrCdTyp")	O	O	O		O		X
				Consignor Street Address ("cnsgrStreetAddress")	M	M	M		M		X
				Consignor City ("cnsgrCity")	M	M	M		M		X
				Consignor country sub division name ("cnsgrCntrySubDivName")	O	O	O		O		X
				Consignor country sub division code ("cnsgrCntrySubDivCd")	O	O	O		O		X
				Consignor Country Code ("cnsgrCntryCd")	M	M	M		M		X
				Consignor Post Code ("cnsgrPstcd")	O	O	O		O		X
				Consignee Name ("cnsgrsName")	M	M	M		M		X
				Consignee Code ("cnsgrsCd")	O	O	O		O		X
				Type of code ("typOfCd")	O	O	O		O		X
				Consignee Street Address ("cnsgrStreetAddress")	M	M	M		M		X
				Consignee City ("cnsgrCity")	M	M	M		M		X
				Consignee Country sub division name ("cnsgrCntrySubDivName")	O	O	O		O		X

	Field Description	SAM	SAA	SDM	SEI	SDA	SDN	ACK
	Consignee Country Sub division ("cnsrneCntrySubDiv")	O	O	O		O		X
	Consignee Country Code ("cnsrneCntryCd")	M	M	M		M		X
	Consignee Post Code ("cnsrnePstcd")	O	O	O		O		X
	Name of any other Notified Party ("nameOfAnyOtherNotfdParty")	M	M	M		M		X
	PAN of notified party ("panOfNotfdParty")	O	O	O		O		X
	Type of Notified Party Code ("typOfNotfdPartyCd")	O	O	O		O		X
	Notified Party Street Address ("notfdPartyStreetAddress")	M	M	M		M		X
	Notified Party City ("notfdPartyCity")	M	M	M		M		X
	Notified party country sub division name ("notfdPartyCntrySubDivName")	O	O	O		O		X
	Notified party country sub division ("notfdPartyCntrySubDiv")	O	O	O		O		X
	Notified Party Country Code ("notfdPartyCntryCd")	O	O	O		O		X
	Notified Party Post Code ("notfdPartyPstcd")	O	O	O		O		X
	Goods Description as per B/L ("goodsDescAsPerBl")	M	M	M		M		X
	UCR Type ("ucrTyp")	O	O	O		O		X
	UCR Code ("ucrCd")	O	O	O		O		X
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O
	MC Transport Document_msr ("trnsprtDocMsr")	O	O	O	X	O	X	O
	Number of packages ("nmbrOfPkgs")	M	M	M		O		X
	Type of Packages ("typsOfPkgs")	M	M	M		O		X
	Marks & Numbers on packages ("marksNoOnPkgs")	M	M	M		M		X
	Gross Weight ("grossWeight")	O	O	O		O		X
	Net Weight ("netWeight")	O	O	O		O		X
	Unit of weight ("unitOfWeight")	O	O	O		O		X
	Gross Volume ("grossVolume")	O	O	O		O		X
	Unit of Volume ("unitOfVolume")	O	O	O		O		X
	Invoice value of consignment ("invoiceValueOfCnsgmt")	O	O	O		O		X
	Currency Code ("crncyCd")	O	O	O		O		X
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O
	MC Item Details ("itemDtls")	O	O	O	X	O	X	O
	Cargo Item Sequence No ("crgoltemSeqNmbr")	M	M	M		M		M
	HS Code ("hsCd")	M	M	M		M		X

	Field Description	SAM	SAA	SDM	SEI	SDA	SDN	ACK
	Cargo Item Description ("crgoltemDesc")	O	O	O		O		X
	UNO Code ("unoCd")	M	M	M		M		X
	IMDG Code ("imdgCd")	M	M	M		M		X
	Number of Packages ("nmbrOfPkgs")	O	O	O		O		X
	Type of Packages ("typOfPkgs")	O	O	O		O		X
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O
	MC Transport Equipment ("trnsprtEqmt")	O	O	O	X	O	X	O
	Equipment Sequence Number ("eqmtSeqNo")	M	M	M		M		M
	Equipment Identifier ("eqmtId")	M	M	M		M		M
	Equipment Type ("eqmtTyp")	M	M	M		M		X
	Equipment Size ("eqmtSize")	O	O	O		O		X
	Equipment Load Status ("eqmtLoadStatus")	M	M	M		M		X
	Additional equipment hold ("adtnlEqmtHold")	O	O	O		O		X
	Final Destination Location ("finalDestLoc")	O	O	O		O		O
	Event Date ("eventDt")	O	O	O		O		O
	Equipment Seal Type ("eqmtSealTyp")	O	O	O		O		X
	Equipment Seal number ("eqmtSealNmbr")	O	O	O		O		X
	Other equipment id ("otherEqmtId")	O	O	O		O		X
	Equipment status ("equipmentStatus")	O	O	O		O		O
	Soc Flag ("socFlag")	M	M	M		M		X
	Container Agent Code ("cntrAgntCd")	O	O	O		O		X
	Container Weight ("cntrWeight")	O	O	O		O		X
	Total no of packages ("totalNmbrOfPkgs")	M	M	M		O		X
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O
	MC Itinerary ("itnry")	O	O	O	X	O	X	O
	Port of call sequence number ("prtOfCallSeqNmbr")	M	M	M		M		M
	Port of Call, Coded ("prtOfCallCdd")	O	O	O		O		X
	Port of Call Name ("prtOfCallName")	O	O	O		O		X
	Next port of call, coded ("nxtPrtOfCallCdd")	O	O	O		O		X
	Next port of call name ("nxtPrtOfCallName")	O	O	O		O		X
	Mode of Transport ("modeOfTrnsprt")	M	M	M		M		X
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O
	House Cargo Declaration	O	O	O	X	O	X	
	HC Declaration Reference ("HCLRef")	M	O	M	X	O	X	M
	Subline No ("subLineNo")	M	M	M		M		M
	House BL No ("blNo")	M	M	M		M		M
	House BL Date ("blDt")	M	M	M		M		M
	Previous Declaration ("prevDec")	M	M	M		M		
	Consolidated Indicator ("consolidatedIndctr")	M	M	M		M		M
	Consolidator_PAN ("consolidatorPan")	M	M	M		M		M

	Field Description	SAM	SAA	SDM	SEI	SDA	SDN	ACK
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O
	HC Previous_Reference ("prevRef")	O	O	O	X	O	X	O
	CIN Type ("cinTyp")	O	O	O		O		M
	MCIN/PCIN ("mcinPcin")	O	O	O		O		M
	CSN Submitted Type ("csnSbmtTyp")	O	O	O		O		X
	CSN Submitted By ("csnSbmtBy")	O	O	O		O		X
	CSN Reporting Type ("csnRptngTyp")	O	O	O		O		X
	CSN Site ID ("csnSiteId")	O	O	O		O		X
	CSN Number ("csnNmbr")	O	O	O		O		X
	CSN Date ("csnDt")	O	O	O		O		X
	Previous MCIN ("prevMcin")	X	X	X		X		X
	Split Indicator ("splitIndctr")	O	O	O		O		X
	Number of Packages ("nmbrOfPkgs")	O	O	O		O		X
	Type of Package ("typOfPackage")	O	O	O		O		X
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O
	HC Location Customs ("locCstm")	M	O	M	X	O	X	O
	First Port of entry ("firstPrtOfEntry")	M	M	M		M		X
	Destination port ("destPrt")	M	M	M		M		X
	Next Port of Unlading ("nxtPrtOfUnlading")	M	M	M		M		X
	Type of Cargo ("typOfCrgo")	M	M	M		M		X
	Item Type ("itemTyp")	M	M	M		M		X
	Cargo Movement ("crgoMvmt")	M	M	M		M		X
	Nature of Cargo ("natrOfCrgo")	M	M	M		M		X
	Split Indicator ("splitIndctr")	X	X	X		X		X
	Number of Packages ("nmbrOfPkgs")	X	X	X		X		X
	Type of Package ("typOfPackage")	X	X	X		X		X
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O
	HC Transhipper ("trnshpr")	O	O	O	X	O	X	O
	Transhipper Code ("trnshprCd")	M	M	M		M		X
	Transhipper Bond ("trnshprBond")	M	M	M		M		X
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O
	HC Transport Document ("trnsprtDoc")	O	O	O	X	O	X	O
	Port of Acceptance, coded ("prtOfAcptCdd")	M	M	M		M		X
	Port of Acceptance Name ("prtOfAcptName")	O	O	O		O		X
	Port of Receipt, coded ("prtOfReceiptCdd")	M	M	M		M		X
	Port of Receipt Name ("prtOfReceiptName")	O	O	O		O		X
	Consignor Name ("cnsgrsName")	M	M	M		M		X
	Consignor Code ("cnsgrsCd")	O	O	O		O		X
	Consignor Code Type ("cnsgrCdTyp")	O	O	O		O		X
	Consignor street address ("cnsgrStreetAddress")	M	M	M		M		X

	Field Description	SAM	SAA	SDM	SEI	SDA	SDN	ACK
	Consignor city ("cnsgrCity")	M	M	M		M		X
	Consignor country sub division name ("cnsgrCntrySubDivName")	O	O	O		O		X
	Consignor country sub division code ("cnsgrCntrySubDivCd")	O	O	O		O		X
	Consignor country code ("cnsgrCntryCd")	M	M	M		M		X
	Consignor Post Code ("cnsgrPstcd")	O	O	O		O		X
	Consignee Name ("cnsgrName")	M	M	M		M		X
	Consignee code ("cnsgrCd")	O	O	O		O		X
	Type of code ("typOfCd")	O	O	O		O		X
	Consignee street address ("cnsgrStreetAddress")	M	M	M		M		X
	Consignee city ("cnsgrCity")	M	M	M		M		X
	Consignee country sub division name ("cnsgrCntrySubDivName")	O	O	O		O		X
	Consignee country sub division ("cnsgrCntrySubDiv")	O	O	O		O		X
	Consignee Country Code ("cnsgrCntryCd")	M	M	M		M		X
	Consignee post code ("cnsgrPstcd")	O	O	O		O		X
	Name of any other notified party ("nameOfAnyOtherNotfdParty")	M	M	M		M		X
	PAN of notified party ("panOfNotfdParty")	O	O	O		O		X
	Type of notified party code ("typOfNotfdPartyCd")	O	O	O		O		X
	Notified Party Street Address ("notfdPartyStreetAddress")	M	M	M		M		X
	Notified Party City ("notfdPartyCity")	M	M	M		M		X
	Notified Party Country subdivision name ("notfdPartyCntrySubDivName")	O	O	O		O		X
	Notified Party Country subdivision ("notfdPartyCntrySubDiv")	O	O	O		O		X
	Notified party country code ("notfdPartyCntryCd")	O	O	O		O		X
	Notified party post code ("notfdPartyPstcd")	O	O	O		O		X
	Goods Description as per B/L ("goodsDescAsPerBl")	M	M	M		M		X
	UCR Type ("ucrTyp")	O	O	O		O		X
	UCR Code ("ucrCd")	O	O	O		O		X
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O
	HC Transport Document_msr ("trnsprtDocMsr")	O	O	O	X	O	X	O
	Number of Packages ("nmbrOfPkgs")	M	M	M		O		X
	Types of Packages ("typesOfPkgs")	M	M	M		O		X
	Marks &No on Packages ("marksNoOnPkgs")	M	M	M		M		X

	Field Description	SAM	SAA	SDM	SEI	SDA	SDN	ACK
	Gross Weight ("grossWeight")	O	O	O		O		X
	Net Weight ("netWeight")	O	O	O		O		X
	Unit of Weight ("unitOfWeight")	O	O	O		O		X
	Gross Volume ("grossVolume")	O	O	O		O		X
	Unit of Volume ("unitOfVolume")	O	O	O		O		X
	Invoice Value of Consignment ("invoiceValueOfCnsgmt")	O	O	O		O		X
	Currency Code ("crncyCd")	O	O	O		O		X
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O
	HC Item Details ("itemDtls")	O	O	O	X	O	X	O
	Cargo Item Sequence No ("crgoltemSeqNmbr")	M	M	M		M		M
	HS Code ("hsCd")	M	M	M		M		X
	Cargo Item Description ("crgoltemDesc")	O	O	O		O		X
	UNO Code ("unoCd")	M	M	M		M		X
	IMDG Code ("imdgCd")	M	M	M		M		X
	Number of Packages ("nmbrOfPkgs")	O	O	O		O		X
	Type of Packages ("typOfPkgs")	O	O	O		O		X
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O
	HC Transport Equipment ("trnsprtEqmt")	O	O	O	X	O	X	O
	Equipment Sequence Number ("eqmtSeqNo")	M	M	M		M		M
	Equipment ID ("eqmtId")	M	M	M		M		M
	Equipment Type ("eqmtTyp")	M	M	M		M		X
	Equipment Size ("eqmtSize")	O	O	O		O		X
	Equipment Load Status ("eqmtLoadStatus")	M	M	M		M		X
	Additional equipment hold ("adtnlEqmtHold")	O	O	O		O		X
	Final Destination Location ("finalDestinationLocation")	O	O	O		O		O
	Event Date ("eventDt")	O	O	O		O		O
	Equipment Seal Type ("eqmtSealTyp")	O	O	O		O		X
	Equipment Seal number ("eqmtSealNmbr")	O	O	O		O		X
	Other equipment id ("otherEqmtId")	O	O	O		O		X
	Equipment status ("equipmentStatus")	O	O	O		O		O
	Soc Flag ("socFlag")	M	M	M		M		X
	Container Agent Code ("cntrAgntCd")	O	O	O		O		X
	Container Weight ("cntrWeight")	O	O	O		O		X
	Total no of packages ("totalNmbrOfPkgs")	M	M	M		O		X
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O
	HC Itinerary ("itnry")	O	O	O	X	O	X	O
	Port of call sequence number ("prtOfCallSeqNmbr")	M	M	M		M		M
	Port of Call, Coded ("prtOfCallCdd")	O	O	O		O		X
	Port of Call Name ("prtOfCallName")	O	O	O		O		X

	Field Description	SAM	SAA	SDM	SEI	SDA	SDN	ACK
	Next port of call, Coded ("nxtPrtOfCallCdd")	O	O	O		O		X
	Next port of call name ("nxtPrtOfCallName")	O	O	O		O		X
	Mode of Transport ("modeOfTrnsprt")	M	M	M		M		X
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O
	HC Additional Declaration ("adtnlDec")	O	O	O	X	O	X	O
	Tag Reference ("tagRef")	M	M	M		M		M
	Reference serial no ("refSerialNo")	M	M	M		M		M
	Info_type ("infoTyp")	M	M	M		M		X
	Info_qualifier ("infoQualifier")	M	M	M		M		X
	Info_code ("infoCd")	O	O	O		O		X
	Info_text ("infoText")	O	O	O		O		X
	Info_Msr ("infoMsr")	O	O	O		O		X
	Info_date ("infoDt")	O	O	O		O		X
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O
	HC Supporting Documents ("crgoSuprtDocs")	O	O	O	X	O	X	O
	Tag Reference ("tagRef")	M	M	M		M		M
	Reference Serial No ("refSerialNo")	M	M	M		M		M
	Sub Serial No Reference ("subSerialNoRef")	M	M	M		M		M
	ICEGATE User ID ("icegateUserid")	M	M	M		M		X
	IRN Number ("irnNmbr")	M	M	M		M		X
	Document Reference No ("docRefNmbr")	M	M	M		M		X
	Document Type Code ("docTypCd")	M	M	M		M		X
	Beneficiary Code ("bnfcryCd")	M	M	M		M		X
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O
	MC Additional Declaration ("mcAdtnlDec")	O	O	O	X	O	X	O
	Tag Reference ("tagRef")	M	M	M		M		M
	Reference Serial No ("refSerialNo")	M	M	M		M		M
	Info_type ("infoTyp")	M	M	M		M		X
	Info_qualifier ("infoQualifier")	M	M	M		M		X
	Info_code ("infoCd")	O	O	O		O		X
	Info_text ("infoText")	O	O	O		O		X
	Info_Msr ("infoMsr")	O	O	O		O		X
	Info_date ("infoDt")	O	O	O		O		X
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O
	MC Supporting Documents ("mcSuprtDocs")	O	O	O	X	O	X	O
	Tag Reference ("tagRef")	M	M	M		M		M
	Reference Serial Number ("refSerialNo")	M	M	M		M		M
	Sub Serial No Reference ("subSerialNoRef")	M	M	M		M		M
	ICEGATE User ID ("icegateUserid")	M	M	M		M		X
	IRN Number ("irnNmbr")	M	M	M		M		X
	Document Reference No ("docRefNmbr")	M	M	M		M		X

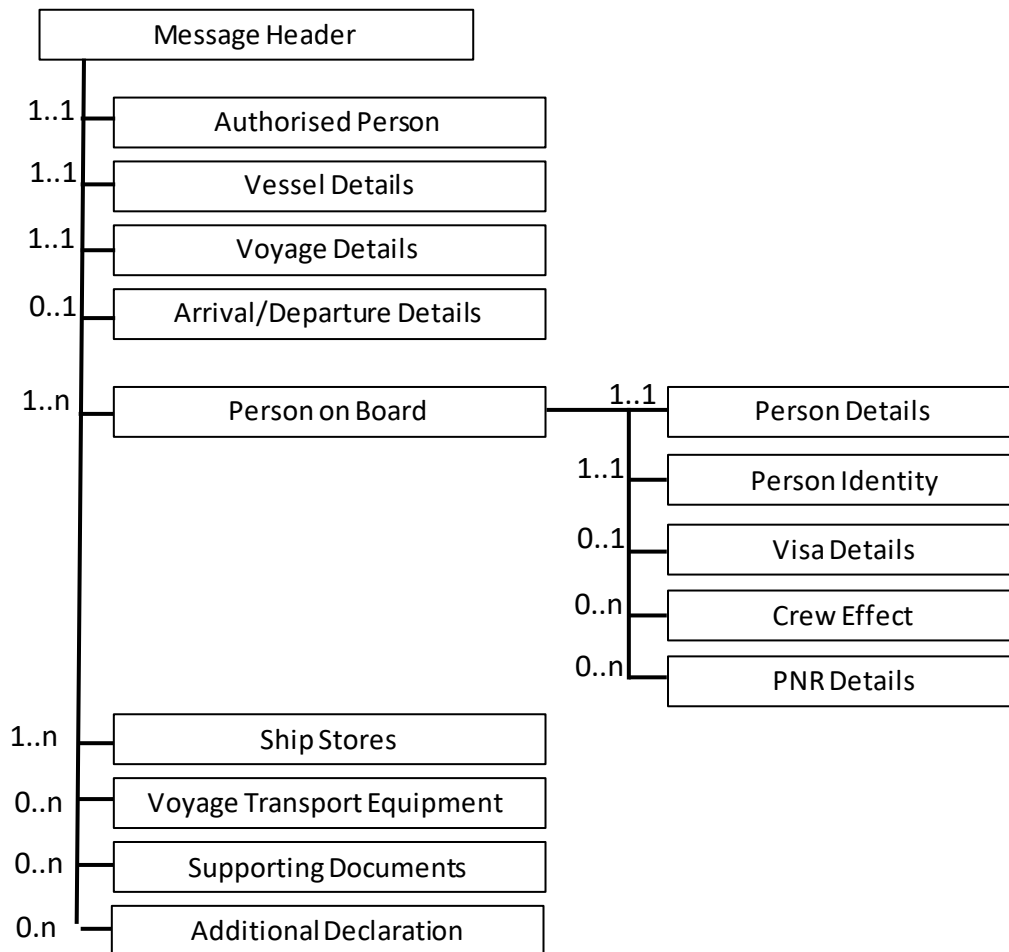
	Field Description	SAM	SAA	SDM	SEI	SDA	SDN	ACK
	Document Type Code ("docTypCd")	M	M	M		M		X
	Beneficiary Code ("bnecryCd")	M	M	M		M		X
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O
	Person on Board ("prsnOnBoard")	M	O	M	X	O	X	O
	Person on board sequence number ("prsnOnBoardSeqNmbr")	M	M	M		M		M
	Person Details ("prsnDtls")	M	O	M	X	O	X	O
	Person Type, Coded (prsnTypCdd)	M	M	M		M		X
	Person Family Name (prsnFamilyName)	M	M	M		M		X
	Person Given Name (prsnGivenName)	M	M	M		M		X
	Person Nationality, coded (prsnNatnltyCdd)	M	M	M		M		X
	Passenger in Transit indicator (psngrInTransitIndctr)	M	M	M		M		X
	Crewmember rank or rating (crewmemberRankOrRatingName)	O	O	O		O		X
	Crew member rank or rate code (crewmemberRankOrRatingCdd)	O	O	O		O		X
	Passenger port of Embarkation Code (psngrPrtOfEmbrktnCdd)	O	O	O		O		X
	Passenger port of Embarkation Name (psngrPrtOfEmbrktnName)	O	O	O		O		X
	Passenger port of Disembarkation Code (psngrPrtOfDsmbkrtnCdd)	O	O	O		O		X
	Passenger port of Disembarkation Name (psngrPrtOfDsmbkrtnName)	O	O	O		O		X
	Person Gender (prsnGenderCdd)	M	M	M		M		X
	Person Date of Birth (prsnDtOfBirth)	M	M	M		M		X
	Person Place of Birth Name (prsnPlaceOfBirthName)	M	M	M		M		X
	Person Country of Birth (prsnCntryOfBirthCdd)	M	M	M		M		X
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O
	Person Identity (prsnld)	M	O	M	X	O	X	O
	Person identity document expiry date (prsnldDocExpiryDt)	M	M	M		M		X
	Person identity or travel document issuing nation (prsnldOrTravelDocIssuingNationCdd)	M	M	M		M		X
	Person identity or travel document number (prsnldOrTravelDocNmbr)	M	M	M		M		X
	Person identity or travel document type, coded (prsnldOrTravelDocTypCdd)	M	M	M		M		X
	Error Codes	X	X	X	X	X	X	M

	Field Description	SAM	SAA	SDM	SEI	SDA	SDN	ACK
	Amend_det	X	X	X	X	X	X	O
	Visa Details (visaDtls)	O	O	O	X	O	X	O
	Person Visa (Number) (prsnVisa)	M	M	M	M	M	X	X
	PNR Number (pnrNmbr)	M	M	M	M	M	X	X
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O
	Crew effect (crewEfct:)	X	O	M	X	O	X	O
	Crew Effects sequence number (crewEfctsSeqNmbr,)		M	M		M		M
	Crew Effects description Code ("crewEfctDescCdd",)		M	M		M		X
	Crew Effects Description ("crewEfctsDesc",)		M	M		M		X
	Crew Effects Quantity onboard ("crewEfctQtyOnbrd",)		M	M		M		X
	Crew Effects Quantity onboard code		M	M		M		X
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O
	Ship Stores (shipStores:)	X	O	M	X	O	X	O
	Ship stores sequence number (seqNmbr,)		M	M		M		M
	Ship stores article name, coded ("articleNameCdd",)		M	M		M		X
	Ship Stores article name, text ("articleNameText",)		M	M		M		X
	Ship stores location Onboard ("locOnbrdText",)		M	M		M		X
	Ship stores quantity on board ("qntyOnbrd",)		M	M		M		X
	Ship stores quantity code onboard ("qntyCdOnbrd")		M	M		M		X
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O
	Voyage Transport Equipment (voyageTransportEquipment)	O	O	M	X	O	X	O
	Equipment sequence number (equipmentSequenceNo)	M	O	M		M		M
	Equipment Id (equipmentId)	M	O	M		M		M
	Equipment type (equipmentType)	M	O	M		M		X
	Equipment size (equipmentSize)	O	O	O		O		X
	Equipment Load status (equipmentLoadStatus)	M	O	M		M		X
	Additional equipment hold (additionalEquipmentHold)	O	O	O		O		X
	Final Destination Location (finalDestinationLocation)	O	O	O		O		O

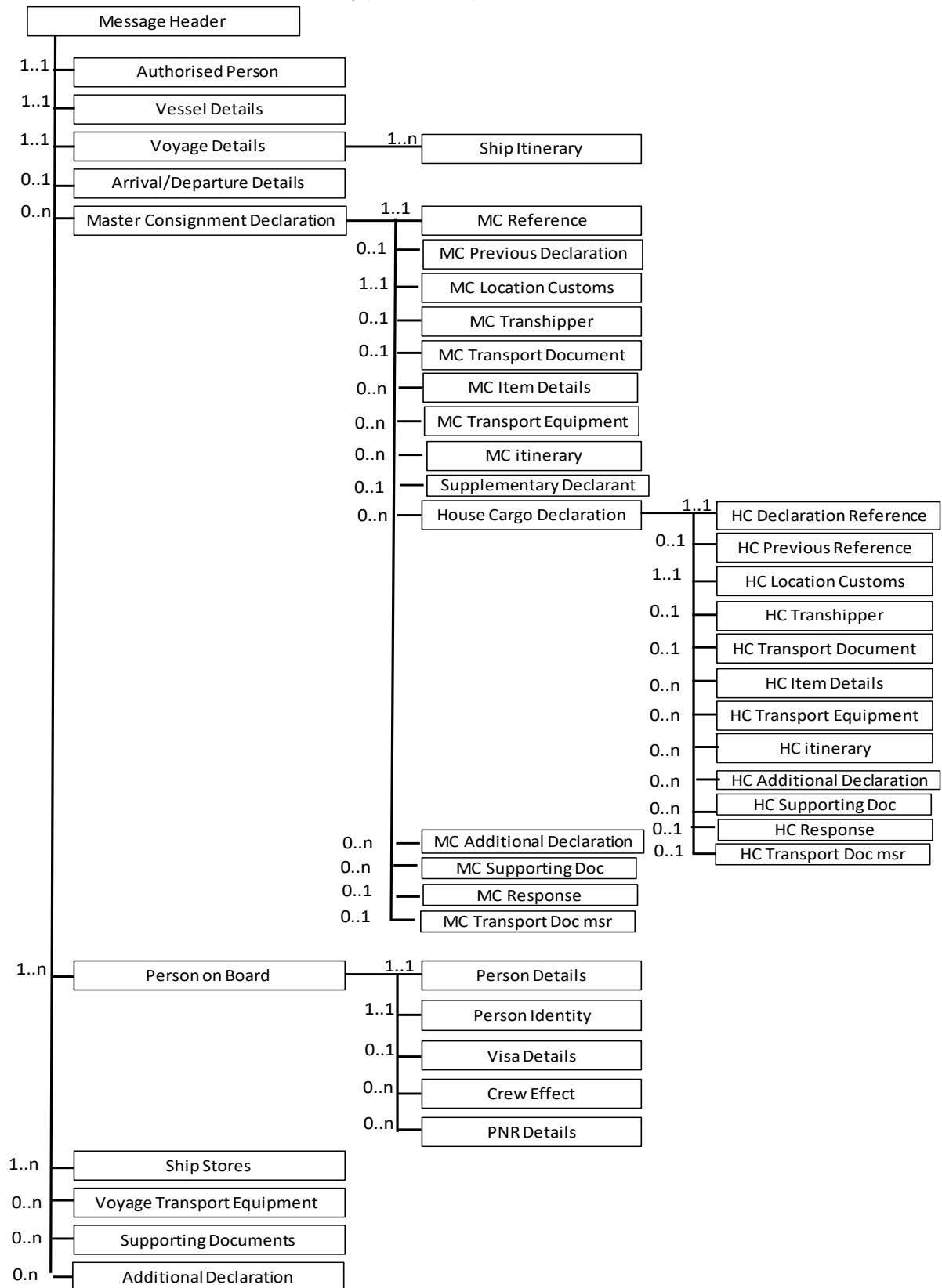
	Field Description	SAM	SAA	SDM	SEI	SDA	SDN	ACK
	Event Date ("eventDt")	O	O	O		O		O
	Equipment seal type (equipmentSealType)	O	O	O		O		X
	Equipment seal number (equipmentSealNumber)	O	O	O		O		X
	Other equipment id (otherEquipmentId)	O	O	O		O		X
	Equipment status (equipmentStatus)	O	O	O		O		O
	SOC flag (Y/N) (socFlag)	M	O	M		M		X
	Container Agent Code (containerAgentCode)	O	O	O		O		X
	Container Weight (containerWeight)	O	O	O		O		X
	Total Number of Packages (totalNumberOfPackages)	O	O	O		O		X
	Stowage position , coded (stowagePositionOfContainer)	O	O	O		X		X
	Container Bond Debit Flag (containerBondFlag)	M	O	M		O		M
	Error Codes	X	X	X		X		M
	Amend_det	X	X	X		X		O
	TM Supporting Documents (tmSuprtDocs)	O	O	O	O	O	O	O
	Tag Reference (tagRef)	M	M	M	M	M	M	M
	Reference Serial Number (refSerialNo)	M	M	M	M	M	M	M
	Sub Serial No Reference (subSerialNoRef)	M	M	M	M	M	M	M
	ICEGATE User ID (icegateUserid)	M	M	M	M	M	M	X
	IRN Number (irnNmbr)	M	M	M	M	M	M	X
	Document Reference No (docRefNmbr)	M	M	M	M	M	M	X
	Document Type Code (docTypCd)	M	M	M	M	M	M	X
	Beneficiary Code (bnfcryCd)	M	M	M	M	M	M	X
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O
	TM Additional Declaration (tmAdtnlDec)	O	O	O	O	O	O	O
	Tag Reference (tagRef)	M	M	M	X	M	M	M
	Reference Serial No. (refSerialNo)	M	M	M	X	M	M	M
	Info_Type (infoTyp)	M	M	M	M	M	M	X
	Info_Qualifier (infoQualifier)	M	M	M	M	M	M	X
	Info_Code (infoCd)	O	O	O	O	O	O	X
	Info_Text (infoText)	O	O	O	O	O	O	X
	Info_Msr (infoMsr)	O	O	O	O	O	O	X
	Info_Date (infoDt)	O	O	O	O	O	O	X
	Error Codes	X	X	X	X	X	X	M
	Amend_det	X	X	X	X	X	X	O

9. Annexures:

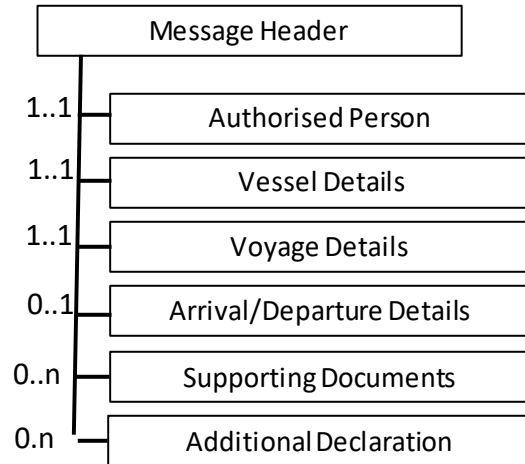
9.1 Document Structure: Hierarchy (SEI)



9.2 Document Structure: Hierarchy (SAM, SDM)



9.3 Document Structure: Hierarchy (SDN)



10. Trade Scenarios Mapping Tables

Sr. No .	Cargo Type	Consolidated flag	Previous declaration	OBJ_TY PE	Cargo Movement	Object Require
1	IM	S	N	M	LC, DT, TI	MC_Reference/MC_Location Customs/MC_Transshipper(O)/MC_T ransport Document/MC_Item Details/MC_Transport Equipment/MC_itinerary/MC_Transp ort Msr
2	IM	S	Y	M	LC,DT,TI	MC_Reference/MC_Previous Declaration/MC_Location Customs/ MC_Transport Equipment / MC_Transport Msr
3	IM	H	N	H	LC,DT,TI	HC_Declaration Reference/HC_Transport Document/HC_Transshipper(O)/HC_I tem Details/HC_Location Customs/HC_Transport Equipment/HC_itinerary/HC_Transpo rt Msr
4	IM	H	Y	H	LC,DT,TI	HC_Declaration Reference/HC_Previous Reference/HC_Location Customs/HC_Transport Equipment/HC_Transport Msr
5	IM	C	N	M	LC,DT,TI	MC_Reference/MC_Location Customs/MC_Transshipper(O)/MC_T ransport Document/MC_Transport Equipment/MC_itinerary/MC_Transp ort Msr
6	IM	C	C	M	LC,DT,TI	MC_Reference/MC_Previous Declaration/MC_Location Customs/MC_Transshipper(O)/MC_T ransport Document/MC_Transport Equipment/MC_itinerary/MC_Transp ort Msr
7	IM	C	C	H	LC,DT,TI	HC_Declaration Reference/HC_Previous Reference/HC_Transport Document/HC_Transshipper(O)/HC_L ocation Customs/HC_Transport

Sr. No .	Cargo Type	Consolidated flag	Previous declaration	OBJ_TY PE	Cargo Movement	Object Require
						Equipment/HC_itinerary/HC_Transport Msr
8	IM	C	Y	M	LC,DT,TI	MC_Reference/MC_Previous Declaration/MC_Location Customs/MC_Transport Equipment/MC_Transport Msr
9	IM	C	Y	H	LC,DT,TI	HC_Declaration Reference/HC_Previous Reference/HC_Location Customs/HC_Transport Equipment/HC_Transport Msr
10	RN	R	N	M	NA	MC_Reference/MC_Transport Equipment/MC_Transport Msr
11	IM	S	C	X	Not Possible	
12	IM	H	C	X	Not Possible	
13	EX	S	N	X	Not Possible	
14	EX	S	C	X	Not Possible	
15	EX	H	N	X	Not Possible	
16	EX	H	C	X	Not Possible	
17	EX	H	Y	H	TI,FT,TC	HC_Declaration Reference/HC_Previous Reference/HC_Location Customs/HC_Transport Equipment/HC_Transport Msr
18	EX	C	S	X	Not Possible	
19	EX	S	S	M	TI,FT,TC	MC_Reference/MC_Previous Declaration/MC_Location Customs/MC_Transshipper(O)/MC_Transport Document/MC_Item Details/MC_Transport Equipment/MC_itinerary/MC_Transport Msr

Sr. No.	Cargo Type	Consolidated flag	Previous declaration	OBJ_TY PE	Cargo Movement	Object Require
20	EX	S	Y	M	TI,FT,TC	MC_Reference/MC_Previous Declaration/MC_Location Customs/MC_Transport Equipment/MC_Transport Msr
21	EX	H	S	H	TI,FT,TC	HC_Declaration Reference/HC_Previous Reference/HC_Transport Document/HC_Transshipper(O)/HC_Location Customs/HC_Transport Equipment/HC_Transport Msr
22	EX	C	N	M	TI,FT,TC	MC_Reference/MC_Location Customs/MC_Transshipper/MC_Transport Document/MC_Transport Equipment/MC_itinerary/MC_Transport Msr
23	EX	C	C	M	TI,FT,TC	MC_Reference/MC_Previous Declaration/MC_Location Customs/MC_Transshipper(O)/MC_Transport Document/MC_Transport Equipment/MC_itinerary/MC_Transport Msr
24	EX	C	C	H	TI,FT,TC	HC_Declaration Reference/HC_Previous Reference/HC_Transport Document/HC_Transshipper(O)/HC_Location Customs/HC_Transport Equipment/HC_itinerary/HC_Transport Msr
25	EX	C	Y	M	TI,FT,TC	MC_Reference/MC_Previous Declaration/MC_Location Customs/MC_Transport Equipment/MC_Transport Msr
26	EX	C	Y	H	TI,FT,TC	HC_Declaration Reference/HC_Previous Reference/HC_Location Customs/HC_Transport Equipment/HC_Transport Msr
27	EX	R	N	M	TI,FT,TC	MC_Reference/MC_Transport Equipment/MC_Transport Msr

Sr. No .	Cargo Type	Consolidated flag	Previous declaration	OBJ_TY PE	Cargo Movement	Object Require
28	EX	H	B	H	TI,FT,TC	HC_Declaration Reference/HC_Previous Reference/HC_Transport Equipment/HC_Transport Msr
29	TR	S	N	M	FT	MC_Reference/MC_Location Customs/MC_Transshipper/MC_Transport Document/MC_Transport Equipment/MC_itinerary/MC_Transport Msr
30	TR	S	N	M	TC	MC_Reference/MC_Location Customs/MC_Transshipper/MC_Transport Document/MC_Item Details/MC_Transport Equipment/MC_itinerary/MC_Transport Msr
31	TR	S	C	X	Not Possible	
32	TR	S	Y	M	FT	MC_Reference/MC_Previous Declaration/MC_Location Customs/MC_Transport Equipment/MC_Transport Msr
33	TR	S	Y	M	TC	MC_Reference/MC_Previous Declaration/MC_Location Customs/MC_Transport Equipment/MC_Transport Msr
34	TR	H	N	H	TC	HC_Declaration Reference/HC_Transport Document/HC_Transshipper/HC_Item Details/HC_Location Customs/HC_Transport Equipment/HC_itinerary/HC_Transport Msr
35	TR	H	C	X	Not Possible	
36	TR	H	Y	H	TC	HC_Declaration Reference/HC_Previous Reference/HC_Location Customs/HC_Transport Equipment/HC_itinerary/HC_Transport Msr

Sr. No.	Cargo Type	Consolidated flag	Previous declaration	OBJ_TY PE	Cargo Movement	Object Require
37	TR	C	N	M	TC	MC_Reference/MC_Location Customs/MC_Transshipper/MC_Transport Document/MC_Transport Equipment/MC_itinerary/MC_Transport Msr
38	TR	C	C	M	TC	MC_Reference/MC_Previous Declaration/MC_Location Customs/MC_Transshipper/MC_Transport Document/MC_Transport Equipment/MC_itinerary/MC_Transport Msr
39	TR	C	C	H	TC	HC_Declaration Reference/HC_Previous Reference/HC_Transport Document/HC_Transshipper/HC_Location Customs/HC_Transport Equipment/HC_itinerary/HC_Transport Msr
40	TR	C	Y	M	TC	MC_Reference/MC_Previous Declaration/MC_Location Customs/MC_Transport Equipment/MC_Transport Msr
41	TR	C	Y	H	TC	HC_Declaration Reference/HC_Previous Reference/HC_Location Customs/HC_Transport Equipment/HC_Transport Msr
42	CG	S	N	M	LC,DT,TI	MC_Reference/MC_Location Customs/MC_Transshipper(O)/MC_Transport Document/MC_Item Details/MC_Transport Equipment/MC_itinerary/MC_Transport Msr
43	CG	S	C	X	Not Possible	
44	CG	S	Y	M	LC,DT,TI	MC_Reference/MC_Previous Declaration/MC_Location Customs/MC_Transport Equipment/MC_Transport Msr

Sr. No.	Cargo Type	Consolidated flag	Previous declaration	OBJ_TY PE	Cargo Movement	Object Require
45	CG	H	N	H	LC,DT,TI	HC_Declaration Reference/HC_Previous Reference/HC_Transport Document/HC_Transshipper(O)/HC_Item Details/HC_Location Customs/HC_Transport Equipment/HC_itinerary/HC_Transport Msr
46	CG	H	C	X	Not Possible	
47	CG	H	Y	H	LC,DT,TI	HC_Declaration Reference/HC_Previous Reference/HC_Location Customs/HC_Transport Equipment/HC_itinerary/HC_Transport Msr
48	CG	C	N	M	LC,DT,TI	MC_Reference/MC_Location Customs/MC_Transshipper(O)/MC_Transport Document/MC_Transport Equipment/MC_itinerary/MC_Transport Msr
49	CG	C	C	M	LC,DT,TI	MC_Reference/MC_Previous Declaration/MC_Location Customs/MC_Transshipper(O)/MC_Transport Document/MC_Transport Equipment/MC_itinerary/MC_Transport Msr
50	CG	C	C	H	LC,DT,TI	HC_Declaration Reference/HC_Previous Reference/HC_Transport Document/HC_Transshipper(O)/HC_Location Customs/HC_Transport Equipment/HC_itinerary/HC_Transport Msr
51	CG	C	Y	M	LC,DT,TI	MC_Reference/MC_Previous Declaration/MC_Location Customs/MC_Transport Equipment/MC_Transport Msr

Sr. No .	Carg o Typ e	Consolidat ed flag	Previous declarati on	OBJ_TY PE	Cargo Moveme nt	Object Require
52	CG	C	Y	H	LC,DT,TI	HC_Declaration Reference/HC_Previous Reference/HC_Location Customs/HC_Transport Equipment/HC_Transport Msr

11. MCIN / PCIN Generation Scenarios Table

S.N.	Cargo Type	Consolidated flag	Previous declaration	Cargo Movement	Identifier to be Declared	Identifier to be Generated
1	IM	S	N	LC, DT, TI		PCIN
2	IM	S	Y	LC,DT,TI	PCIN	
3	IM	H	N	LC,DT,TI		PCIN
4	IM	H	Y	LC,DT,TI	PCIN	
5	IM	C	N	LC,DT,TI		MCIN
6	IM	C	C	LC,DT,TI		MCIN
7	IM	C	Y	LC,DT,TI	MCIN	
8	RN	R	N	NA		
9	IM	S	C	Not Possible		
10	IM	H	C	Not Possible		
11	EX	S	N	Not Possible		
12	EX	S	C	Not Possible		
13	EX	H	N	Not Possible		
14	EX	H	C	Not Possible		
15	EX	H	Y	TI,FT,TC	PCIN	
16	EX	C	S	Not Possible		
17	EX	S	S	TI,FT,TC	PCIN OF SB	
18	EX	S	Y	TI,FT,TC	PCIN OF SB	
19	EX	H	S	TI,FT,TC	PCIN OF SB	
20	EX	C	N	TI,FT,TC		MCIN
21	EX	C	C	TI,FT,TC		MCIN
22	EX	C	Y	TI,FT,TC	MCIN	
23	EX	R	N	TI,FT,TC		
24	EX	H	B	TI,FT,TC	PCIN OF SB	
25	EX	H	R	TI,FT,TC	PCIN OF SB	
26	TR	S	N	FT, TC		PCIN
27	TR	S	C	Not Possible		
28	TR	S	Y	TC, FT	PCIN	
29	TR	H	N	TC		PCIN
30	TR	H	C	Not Possible		
31	TR	H	Y	TC	PCIN	NO
32	TR	C	N	TC		MCIN
33	TR	C	C	TC	CSN	MCIN

S.N.	Cargo Type	Consolidated flag	Previous declaration	Cargo Movement	Identifier to be Declared	Identifier to be Generated
34	TR	C	Y	TC	MCIN	
35	CG	S	N	LC,DT,TI		PCIN
36	CG	S	C	Not Possible		
37	CG	S	Y	LC,DT,TI	PCIN	
38	CG	H	N	LC,DT,TI		PCIN
39	CG	H	C	Not Possible		
40	CG	H	Y	LC,DT,TI	PCIN	
41	CG	C	N	LC,DT,TI		MCIN
42	CG	C	C	LC,DT,TI	CSN	MCIN
43	CG	C	Y	LC,DT,TI	MCIN	